



भारत का राजपत्र

The Gazette of India

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सं० 46] नई दिल्ली, शनिवार, नवम्बर 17, 2001 (कार्तिक 26, 1923)

No. 46] NEW DELHI, SATURDAY, NOVEMBER 17, 2001 (KARTIKA 26, 1923)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

[PART III—SECTION 2]

[पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस]

[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE
PATENTS AND DESIGNS

Kolkata, the 17th November 2001

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THE PATENT OFFICE

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Telegraphic Address "PATENTOFIC"
Phone No. (011) 586 1255, 586 1256,
586 1257, 586 1258.
Fax No. (011) 5861256.

Patent Office Branch,
Guna Complex, 6th Floor, Annex-II,
443, Annasalai, Teynampet,
Chennai-600 018.

The States of Andhra Pradesh,
Karnataka, Kerala, Tamilnadu and
Pondicherry and the Union
Territories of Laccadive,
Minicoy and Aminidivi Islands.

Telegraphic address "PATENTOFIS"
Phone No. (044) 431 4324/4325/4326.
Fax No. (044) 431 4750/4751.

Patent Office (Head Office),
Nizam Palace, 2nd M.S.O. Building,
5th, 6th & 7th Floor,
234/4, Acharya Jagadish Bose Road,
KOLKATA-700 020.

Rest of India.

Telegraphic address "PATENTS"
Phone No. (033) 247 4401/4402/4403.
Fax No. (033) 247 3851, (033) 240 1353.

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 as amended the Patents (Amendment) Act, 1999 or the Patents Rules, 1972 as amended by The Patents (Amendment) Rules, 1999 will be received only at the appropriate offices of the Patent Office.

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पेटेंट कार्यालय
एकस्व तथा अभिकल्प
कोलकाता, दिनांक 17 नवम्बर 2001

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कोलकाता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं:—

पेटेंट कार्यालय शाखा,
टोडी इस्टेट, तीसरा तल,
सन मिल कम्प्याउंड,
लोअर परेल (बेस्ट),
मुम्बई - 400 013।

गुजरात, महाराष्ट्र, मध्य प्रदेश
गोआ तथा छत्तीसगढ़ राज्य क्षेत्र एवं संघ
शासित क्षेत्र, दमन तथा दीव,
दादर और नगर हवेली।

तार पता - "पेटेंटफिस"
फोन - (022) 492 4058, 496 1370, 490 3684.
फैक्स - (022) 495 0622.

पेटेंट कार्यालय शाखा,
डल्लू-5, बेस्ट पटेल नगर,
नई दिल्ली - 110 008।

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश, उत्तराञ्चल तथा दिल्ली राज्य
श्रीग्री एवं संघ शासित क्षेत्र चंडीगढ़।

तार पता - "पेटेंटफिस"
फोन - (011) 586 1255, 586 1256, 586 1257,
586 1258
फैक्स - (011) 586 1256

पेटेंट कार्यालय शाखा,
गुणा कम्प्लेक्स, छठा तल, एनेक्स-II,
443, अन्नासलाई, तेनामपेट,
चेन्नई - 600 018।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं संघ
शासित क्षेत्र, लक्ष्मीपुर, मिनिकाय तथा
एमिनिदिवि द्वीप।

तार पता - "पेटेंटफिस"
फोन - (044) 431 4324/4325/4326.
फैक्स - (044) 431 4750/4751.

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय
भवन, ५वा, ६ठा व ७वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कोलकाता - 700 020।

भारत का अवशेष क्षेत्र।

तार पता - "पेटेंट्स"
फोन - (033) 247 4401/4402/4403
फैक्स - (033) 247 3851, (033) 240 1353.

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 1999 अथवा पेटेंट (संशोधन) नियम, 1972 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई फीस पेटेंट कार्यालय के केवल समुचित कार्यालय में ही ग्रहण किए जाएंगे।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहां उपयुक्त कार्यालय अवस्थित हैं, उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है।

GOVERNMENT OF INDIA
THE PATENT OFFICE
NIZAM PALACE,
234/4, A. J. C. BOSE ROAD,
CALCUTTA-20.
CORRIGENDUM

In the Gazette of India, Part-III, Section 2, dated 24th February, 2001 of Page No. 117 column-I *read* the applicants' name "PHILLIPS SCREW COMPANY" *instead of* "PHILIPS SCREW COMPANY" in respect of Patent No. 185547 (473/Del/92) which was inadvertently appeared.

Exclusive Marketing Right (EMR) Proceedings.

An Application for grant of Exclusive Marketing Right bearing number EMR/1/2000 filed by F-Hoffman-La Roche, a Swiss Company in respect of corresponding Patent application number 910/MAS/96 has been refused.

Application for the Grant of Exclusive Marketing Right (EMR)

One application for grant of EMR on "Formulations for protection of PEG-Interferon alpha Conjugates" filed by SCHERING-PLOUGH CORPORATION of USA on 31.08.2001.

Application for grant of Exclusive Marketing Right (EMR)

One Application for grant of Exclusive Marking Right on "ORALLY ADMINISTERED CONTROLLED DRUG DELIVERY SYSTEM PROVIDING TEMPORAL AND SPATIAL CONTROL" has been filed by RANBAXY LABORATORIES LTD., 19, NEHRU PLACE, NEW DELHI-110 019, Indian Company on 15/10/2001 against corresponding Application for Patent No. 2660/DEL/97 and 2745/DEL/98 on 19/9/97 and 11/9/98 respectively and the application was allotted no. EMR/4/2001 dated 15/10/2001.

INTERNATIONAL APPLICATION FOR PATENT FILED UNDER PATENT COOPERATION TREATY (PCT) AT PATENT OFFICE.**Application No** PCT/IN01/00127**Date of Filing** 28-Jun-01**Applicant** DR. REDDY'S RESEARCH FOUNDATION**Priority Claim On****Field of Invention****Title** NOVEL DIOXALANE DERIVATIVES AND A PROCESS FOR THEIR PREPARATION**Application No** PCT/IN01/00128**Date of Filing** 28-Jun-01**Applicant** DR. REDDY'S RESEARCH FOUNDATION**Priority Claim On****Field of Invention****Title** NOVEL 3-ARYL-2-HYDROXY PROPANOL DERIVATIVES AND A PROCESS FOR THEIR**Application No** PCT/IN01/00129**Date of Filing** 29-Jun-01**Applicant** SUN PHARMACEUTICAL INDUSTRIES LTD.**Priority Claim On****Field of Invention****Title** A NOVEL METHOD FOR THE PREPARATION OF PIPERAZINE AND ITS DERIVATIVES.**Application No** PCT/IN01/00130**Date of Filing** 29-Jun-01**Applicant** COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH**Priority Claim On****Field of Invention****Title** A PROCESS FOR THE PREPARATION OF POLYANILINE SALT

Application No PCT/IN01/00131
Date of Filing 29-Jun-01
Applicant ORCHID CHEMICALS & PHARMACEUTICALS
Priority Claim On
Field of Invention
Title S-ADENOSYL-L-METHIONINE WITH ENRICHMENT OF (S,S)-ISOMER.

Application No PCT/IN01/00132
Date of Filing 04-Jul-01
Applicant KANE, SHANTARAM GOVIND;
Priority Claim On
Field of Invention
Title EXTRACTS FROM "CAM" MECHINISM PLANTS AND USES THEREOF.

Application No PCT/IN01/00133
Date of Filing 12-Jul-01
Applicant JAIPURIA, AMIT;
Priority Claim On
Field of Invention
Title A METHOD AND APPARATUS FOR OPTIMIZING NETWORKING POTENTIAL USING A SECURED SYSTEM FOR AN ONLINE COMMUNITY.

Application No PCT/IN01/00134
Date of Filing 25-Jul-01
Applicant LUPIN LABORATORIES LTD.
Priority Claim On
Field of Invention
Title AN IMPOROVED METHOD FOR PREPARATION OF CEFUROXIME AXETIL

Application No PCT/IN01/00135
Date of Filing 26-Jul-01
Applicant CROMPTON GREAVES LTD.
Priority Claim On
Field of Invention
Title AN ELECTRIC CEILING FAN SUSPENSION SHACKLE

Application No PCT/IN01/00136
Date of Filing 27-Jul-01
Applicant JAIN VIRENDRA KUMAR;
Priority Claim On
Field of Invention
Title CON URINE THERAPY AND HERBAL MEDICINAL COMPOSITION WITH CON URINE AND METHOD OF MANUFACTUREING THE SAME

Application No PCT/IN01/00137
Date of Filing 30-Jul-01
Applicant TATA INSTITUTE OF FUNDAMENTAL RESEARCH
Priority Claim On 721/MUM/2000 IN
Field of Invention
Title PRELOADED PARABOLIC DISH ANTENNA AND THE METHOD OF MAKING IT

Application No PCT/IN01/00138
Date of Filing 30-Jul-01
Applicant MANOJ SANKARAN
Priority Claim On
Field of Invention
Title A DEVICE FOR DETECTING SLEEP

Application No PCT/IN01/00139

Date of Filing 31-Jul-01

Applicant DE SOUZA, NOEL J;

Priority Claim On 06/222,201 US
09/640,947 US
PCT/IN00/00111 IN
09/850,669 US
PCT/IN01/00100 IN

Field of Invention

Title INHIBITORS OF CELLULAR EFFLUX PUMPS OF MICROBES

Application No PCT/IN01/00140

Date of Filing 01-Aug-01

Applicant UNIVERSITY OF PUNE

Priority Claim On 728/MUM/00 IN

Field of Invention

Title AN IMPROVED PROCESS FOR PREPARATION OF IMMUNOCHEMICAL COMPLEX USEFUL FOR PATHOGEN DETECTION AND DETERMINATION OF THEIR ANTIBIOTIC SENTITIVITY

Application No PCT/IN01/00141

Date of Filing 03-Aug-01

Applicant LUPIN LABORATORIES LIMITED

Priority Claim On 09/702,042 US

Field of Invention

Title RAPIDLY DISINTEGRATING SUSTAINED RELEASE CEFUROXIME AXETIL COMPOSITION.

Application No PCT/IN01/00142

Date of Filing 03-Aug-01

Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH

Priority Claim On

Field of Invention

Title A PRÔCESS FOR THE ISOLATION OF BETULINIC ACID

Application No PCT/IN01/00143
Date of Filing 03-Aug-01
Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
Priority Claim On
Field of Invention
Title A PROCESS FOR THE REMOVAL METALS BY ACTINOMYCETE

Application No PCT/IN01/00144
Date of Filing 17-Aug-01
Applicant LUPIN LABORATORIES LIMITED
Priority Claim On 411/MUM/2001 IN
Field of Invention MECHANICAL
Title A PROCESS FOR THE MANUFACTURE OF FOSINOPRIL SODIUM

Application No PCT/IN01/00145
Date of Filing 20-Aug-01
Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
Priority Claim On
Field of Invention
Title (-)-OLIVIL AS ANTIOXIDANT FROM STEREOSPERMUM PERSONATUM

Application No PCT/IN01/00146
Date of Filing 20-Aug-01
Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
Priority Claim On
Field of Invention
Title (-)-SECOISOLARICIRESINOL AS AN ANTIOXIDANT FROM STEREOSPERMUM PERSONATUM

Application No PCT/IN01/00147
Date of Filing 20-Aug-01
Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
Priority Claim On 09/917,604 US
Field of Invention
Title (+)-CYCLOOLIVIL AS ANTIOXIDANT FROM STEREOSPERMUM PERSONATUM

Application No PCT/IN01/00148
Date of Filing 20-Aug-01
Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
Priority Claim On 09/788, 601 US
Field of Invention
Title COMPOSITION FOR TREATING WSSV INFECTED TIGER SHRIMP

Application No PCT/IN01/00149
Date of Filing 28-Aug-01
Applicant ALMAL, MANI SHANKAR
Priority Claim On 493/CAL/2000 IN
Field of Invention
Title JUTE/ COTTON COMPOSITES FOR USE IN THE MANUFACTURE OF FOOTWARE COMPONENTS AND METHOD OF MANUFACTURE OF SUCH COMPOSITES.

Application No PCT/IN01/00150
Date of Filing 29-Aug-01
Applicant AMBARDEKAR, VISHVAS;
Priority Claim On
Field of Invention
Title UNLIMITED GEAR DRIVE

Application No PCT/IN01/00151
Date of Filing 30-Aug-01
Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
Priority Claim On
Field of Invention
Title HERBAL NUTRACEUTIAL FORMULATION FOR FEMALES/ EXPECTANT MOTHERS AND ITS PROCESS

Application No PCT/IN01/00152
Date of Filing 31-Aug-01
Applicant MODERN LABORATORIES LTD.
Priority Claim On
Field of Invention
Title AN IMPROVED PROCESS FOR THE PREPARATION OF AMORPHOUS ATORVASTATIN CALCIUM SALT (2:1)

Application No PCT/IN01/00153
Date of Filing 06-Sep-01
Applicant HAMISH CHANDRU SHAHANI
Priority Claim On
Field of Invention
Title INTRAVEHICULAR TERTIARY HEALTH CARE SYSTEM

Application No PCT/IN01/00154
Date of Filing 07-Sep-01
Applicant DEPARTMENT OF ATOMIC ENERGY
Priority Claim On 454/MUM/2001 IN
Field of Invention
Title A LOW COST DIGITAL POCKET DOSEMETER

Application No PCT/IN01/00155
Date of Filing 10-Sep-01
Applicant SHAH, REGESHKUMAR
MAHENDRABHAI;
Priority Claim On 934/MUM/2000
Field of Invention
Title AN ELECTRONIC SYSTEM TO CONSULT DOCTOR AT & FROM ANY
PLACE IN THE WORLD

Application No PCT/IN01/00156
Date of Filing 11-Sep-01
Applicant CENTRE FOR BIOTECHNOLOGY
Priority Claim On
Field of Invention
Title A SUBSTITUTED FUROCHROMENONE DERIVATIVE EXHIBITING ANTI-
PROLIFERATIVE PROPERTIES

Application No PCT/IN01/00157
Date of Filing 13-Sep-01
Applicant THADANI, MAHESH
Priority Claim On 885/MUM/2000 IN
Field of Invention
Title A THERMALLY INSULATED LIQUID CONTAINER

Application No PCT/IN01/00158
Date of Filing 13-Sep-01
Applicant THADANI, MAHESH
Priority Claim On 886/MUM/2000 IN
Field of Invention
Title AN INSULATED FLASK UNIT

NATIONAL PHASE APPLICATION FOR PATENT UNDER PCT

CHAPTER-I/II.

National Phase Application No.	IN/PCT/2001/00185/DEL	Dated : 5.3.2001
Corresponding PCT Application No.	PCT/GB99/02437	Dated : 9.8.1999
Priority document No.	9817354.5	Dated : 11.8.1998
Name of Country :	GB	
Name of Applicant:	Aventis Cropscience GmbH	
Title of Invention :	“SUSPENSION CONCENTRATE FORMULATON CONTAINING PYRIMETHANIL”.	
 National Phase Application No.	IN/PCT/2001/00186/DEL	Dated : 5.3.2001
Corresponding PCT Application No	PCT/AU99/00640	Dated : 6.8.1999
Priority document No.	PP 5836	Dated : 6.8.1998
	PQ 1575	21.12.1998
	PQ 0454	28.4.1999
Name of Country :	AU	
Name of Applicant:	Ecoflex Australia Pty. Limited	
Title of Invention	“TYRE FOUNDATION STRUCTURE”.	
 National Phase Application No.	IN/PCT/2001/00187/DEL	Dated : 5.3.2001
Corresponding PCT Application No	PCT/US00/18064	Dated : 30.6.2000
Priority document No.	09/347,309	Dated : 2.7.1999
Name of Country :	US	
Name of Applicant	General Electric Company	
Title of Invention:	“METHOD AND APPARATUS FOR REAL TIME MEASUREMENT OF THREE PHASE ELECTRICAL PARAMETERS”.	
 National Phase Application No	IN/PCT/2001/00188/DEL	Dated : 5.3.2001
Corresponding PCT Application No	PCT/US99/19647	Dated : 27.8.1999
Priority document No.	09/149,211	Dated : 8.9.1998
Name of Country :	US	
Name of Applicant.	Marsulex Environmental Technologies LLC.	
Title of Invention.	“PROCESS FOR CONTROLLING AMMONIA SLIP IN THE REDUCTION OF SULFUR DIOXIDE EMISSION”.	

National Phase Application No : IN/PCT/2001/00189/DEL Dated : 5.3.2001
 Corresponding PCT Application No : PCT/US99/19771 Dated : 27.8.1999
 Priority document No : 09/149,190 Dated : 8.9.1998
 Name of Country : US
 Name of Applicant. : Marsulex Environmental Technologies LLC
 Title of Invention: "PROCESS AND APPARATUS FOR
 CONTROLLING AMMONIA SLIP IN THE
 REDUCTION OF SULFUR DIOXIDE
 EMISSION".

National Phase Application No : IN/PCT/2001/00190/DEL Dated : 7.3.2001
 Corresponding PCT Application No : PCT/IL99/00446 Dated : 18.8.1999
 Priority document No. : 125846 Dated : 19.8.1998
 Name of Country : IL
 Name of Applicant. : Emony Ltd.
 Title of Invention. : "DIFFERENCE EXTRACTION BETWEEN TWO
 VERSIONS OF DATA-TABLES CONTAINING
 INTRA-REFERENCES".

National Phase Application No : IN/PCT/2001/00191/DEL Dated : 7.3.2001
 Corresponding PCT Application No : PCT/US99/18584 Dated : 12.8.1999
 Priority document No. : 60/096,214 Dated : 12.8.1998
 60/122,841 4.3.1999
 Name of Country : US
 Name of Applicant. : Triangle Pharmaceuticals, Inc. & Emory University
 Title of Invention. : "METHOD OF MANUFACTURE OF 1,3-
 OXATHIOLANE NUCLEOSIDES".

National Phase Application No : IN/PCT/2001/00192/DEL Dated : 7.3.2001
 Corresponding PCT Application No : PCT/EP99/05456 Dated : 30.7.1999
 Priority document No. : 90273 Dated : 11.8.1998
 Name of Country : LX
 Name of Applicant. : Paul Wurth S.A..
 Title of Invention. : "METHOD FOR THE THERMAL PROCESSING
 OF RESIDUES CONTAINING HEAVY METALS
 AND IRON OXIDE".

National Phase Application No : IN/PCT/2001/00193/DEL Dated : 7.3.2001
 Corresponding PCT Application No : PCT/CH99/00454 Dated : 23.9.1999
 Priority document No : 98810964.1 Dated : 24.9.1998
 Name of Country : EP
 Name of Applicant. : Ascom Powerline Communications AG
 Title of Invention : "HIGH VOLTAGE FUSE AND POWER
 DISTRIBUTION NETWORK".

National Phase Application No	IN/PCT/2001/00194/DEL	Dated : 7.3.2001
Corresponding PCT Application NO.	PCT/US99/18149	Dated : 10.8.1999
Priority document No	60/096,110	Dated : 10.8.1998
	60/131,352	28.4.1999
Name of Country :	US	
Name of Applicant:	Novirio Pharmaceuticals Limited & Centre National Da La Recherche Scientifique	
Title of Invention :	“ β -L-2' DEOXY -NUCLEOSIDES FOR THE TREATMENT OF HEPATITIS B”.	
 National Phase Application No	IN/PCT/2001/00195/DEL	Dated : 7.3.2001
Corresponding PCT Application No	PCT/EP99/06382	Dated : 30.8.1999
Priority document No.	90282	Dated : 2.9.1998
Name of Country :	LX	
Name of Applicant.	Paul Wurth S.A.	
Title of Invention. :	“METHOD FOR HEAT-TREATING RECYCLINGS CONTAINING OIL AND IRON OXIDE”.	
 National Phase Application No	IN/PCT/2001/00196/DEL	Dated : 7.3.2001
Corresponding PCT Application No	PCT/IL99/00477	Dated : 2.9.1999
Priority document No.	126033	Dated : 2.9.1998
Name of Country :	IL	
Name of Applicant :	Omat Ltd.	
Title of Invention. :	“METHOD AND SYSTEM FOR ADAPTIVE CONTROL OF TURNING OPERATIONS”.	
 National Phase Application No.	IN/PCT/2001/00197/DEL	Dated : 7.3.2001
Corresponding PCT Application No.	PCT/US99/21843	Dated : 20.9.1999
Priority Document No.	98/20221	Dated : 25.9.1998
Name of Country	60/140145	21.6.1999
Name of Applicant :	US (both)	
Title of Invention :	The Procter & Gamble Company “DETERGENT GRANULES”.	
 National Phase Application No	IN/PCT/2001/00198/DEL	Dated : 7.3.2001
Corresponding PCT Application No	PCT/US99/26060	Dated : 5.11.1999
Priority document No.	60/10731	Dated : 6.11.1998
	09/212,663	16.12.1998
Name of Country :	US (both)	
Name of Applicant.	Bionebraska Inc.	
Title of Invention :	“ENZYMATIC AMIDATION OF PEPTIDES”.	

National Phase Application No	IN/PCT/2001/00199/DEL	Dated : 7.3.2001
Corresponding PCT Application No	PCT/KR99/00553	Dated : 15.9.1999
Priority document No.	98-38476	Dated : 17.9.1998
Name of Country :	KR	
Name of Applicant.	Samsung Fine Chemicals Co. Ltd.	
Title of Invention. :	“THE PREPARATION OF N-SUBSTITUTED-HYDROXYCYCLOALKYLAMINE DERIVATIVES”.	
 National Phase Application No	IN/PCT/2001/00200/DEL	Dated : 7.3.2001
Corresponding PCT Application No	PCT/US99/22303	Dated : 27.9.1999
Priority document No.	09/162,428	Dated : 28.9.1998
Name of Country :	US	
Name of Applicant.	Millennium Cell Inc.	
Title of Invention. :	“HIGH-ENERGY DENSITY BORIDE BATTERIES”.	
 National Phase Application No	IN/PCT/2001/00201/DEL	Dated : 7.3.2001
Corresponding PCT Application No	PCT/GB99/03198	Dated : 24.9.1999
Priority document No.	9820984.4	Dated : 25.9.1998
Name of Country :	UK	
Name of Applicant.	John Philip Roger Hammerbeck	
Title of Invention. :	“A VARIABLE SPEED DRIVE”.	
 National Phase Application No	IN/PCT/2001/00202/DEL	Dated : 8.3.2001
Corresponding PCT Application No	PCT/US00/20657	Dated : 28.7.2000
Priority document No.	09/362,866	Dated : 29.6.1999
Name of Country :	US	
Name of Applicant. :	General Electric Company	
Title of Invention :	“FLUID FILLED ELECTRICAL DEVICE WITH DIAGNOSTIC SENSOR LOCATED IN FLUID CIRCULATION FLOW PATH”.	
 National Phase Application No	IN/PCT/2001/00203/DEL	Dated : 8.3.2001
Corresponding PCT Application No	PCT/RU99/00273	Dated : 2.8.1999
Priority document No.	PCT/RU98/00289	Dated : 8.9.1998
Name of Country :	RU	
Name of Applicant.	Isle Firestop Limited	
Title of Invention. :	“COMBUSTION RETARDANT FOR POLYMERIC MATERIALS”.	

National Phase Application No : IN/PCT/2001/00204/DEL Dated : 8.3.2001
 Corresponding PCT Application No : PCT/US99/20649 Dated : 10.9.1999
 Priority document No. 37273 Dated : 10.9.1998
 37274 10.9.1998
 Name of Country : KR
 Name of Applicant. Sang Ki Lee
 Title of Invention. : "WATERMARKING OF DIGITAL IMAGES
 USING WAVELET AND DISCRETE COSINE
 TRANSFORMS".

National Phase Application No IN/PCT/2001/00205/DEL Dated : 8.3.2001
 Corresponding PCT Application No PCT/FR00/01597 Dated : 9.6.2000
 Priority document No. 99/07512 Dated : 9.6.1999
 Name of Country : FR
 Name of Applicant Aventis Cropscience S.A.
 Title of Invention. : "NOVEL METHOD FOR PREPARING
 OPTICALLY ACTIVE ALPHA-
 AMINONITRILES".

National Phase Application No IN/PCT/2001/00206/DEL Dated : 8.3.2001
 Corresponding PCT Application No PCT/FR99/02147 Dated : 9.9.1999
 Priority document No. 98/11342 Dated : 11.9.1998
 60/119,929 12.2.1999
 Name of Country : FR
 US
 Name of Applicant. Aventis Pharma S.A.
 Title of Invention : "AZETIDINE DERIVATIVES PREPARATION
 AND MEDICINES CONTAINING THEM".

National Phase Application No IN/PCT/2001/00207/DEL Dated : 9.3.2001
 Corresponding PCT Application No PCT/US99/20867 Dated : 16.9.1999
 Priority Document No. 09/156,078 Dated : 17.9.1998
 Name of Country : US
 Name of Applicant. Process Control Inc.
 Title of Invention. : "X-RAY FLUORESCENCE ELEMENTAL
 ANALYZER".

National Phase Application No.	IN/PCT/2001/00208/DEL	Dated : 12.3.2001
Corresponding PCT Application No.	PCT/US99/10855	Dated : 17.5.1999
Priority document No.	PCT/US98/20491	Dated : 30.9.1998
Name of Country :	US	
Name of Applicant:	The Procter & Gamble Company	
Title of Invention :	“LAUNDRY DETERGENT AND/OR FABRIC CARE COMPOSITIONS COMPRISING CHEMICAL COMPONENTS LINKED TO A CELLULOSE BINDING DOMAIN”.	
 National Phase Application No.	IN/PCT/2001/00209/DEL	Dated : 12.3.2001
Corresponding PCT Application No	PCT/EP99/05862	Dated : 12.8.1999
Priority document No.	19836514.4	Dated : 12.8.1998
Name of Country :	DE	
Name of Applicant.	Haring Thomas	
Title of Invention	“MODIFICATION OF ENGINEERING – POLYMERS WITH BASIC N GROUPS AND ION-EXCHANGE GROUPS IN THE SIDE CHAIN”.	
 National Phase Application No:	IN/PCT/2001/00210/DEL	Dated : 12.3.2001
Corresponding PCT Application No:	PCT/US99/22393	Dated : 24.9.1999
Priority document No:	PCT/US98/20223	Dated : 25.9.1998
	60/105,826	27.10.1998
Name of Country :	US(both)	
Name of Applicant :	The Procter & Gamble Company	
Title of Invention:	“GRANULAR DETERGENT COMPOSITION HAVING IMPROVED APPEARANCE SOLUBILITY”.	
 National Phase Application No	IN/PCT/2001/00211/DEL	Dated : 12.3.2001
Corresponding PCT Application No	PCT/US99/21166	Dated : 10.9.1999
Priority document No.	9819979.7	Dated : 15.9.1998
Name of Country :	UK	
Name of Applicant.	The Procter & Gamble Company	
Title of Invention.	“SANITISING COMPOSITIONS AND METHODS”.	

National Phase Application No : IN/PCT/2001/00212/DEL Dated : 12.3.2001
 Corresponding PCT Application No : PCT/US99/10853 Dated : 17.5.1999
 Priority document No : PCT/US98/20491 Dated : 30.9.1998
 Name of Country : US
 Name of Applicant. : The Procter & Gamble Company
 Title of Invention : "LAUNDRY DETERGENT AND/OR FABIC CARE COMPOSITIONS COMPRISING A CHEMICAL ENTITY WHICH CONTAINS A DEPOSITION WITH A HIGH AFFINITY FOR CELLULOSE, A SURFACTANT AND A PROTEASE".

National Phase Application No : IN/PCT/2001/00213/DEL Dated : 12.3.2001
 Corresponding PCT Application No : PCT/US99/10854 Dated : 17.5.1999
 Priority document No. : PCT/US98/20491 Dated : 30.9.1998
 Name of Country : US
 Name of Applicant. : The Procter & Gamble Company.
 Title of Invention. : "LAUNDRY DETERGENT AND/OR FABIC CARE COMPOSITIONS COMPRISING A CHEMICAL ENTITY, WHICH CONTAINS A DEPOSITION AID, AND A POLYMER".

National Phase Application No : IN/PCT/2001/00214/DEL Dated : 12.3.2001
 Corresponding PCT Application No : PCT/US99/19350 Dated : 24.8.1999
 Priority document No. : 60/098,468 Dated : 31.8.1998
 60/125,576 23.3.1999
 09/359,813 23.7.1999
 Name of Country : US (all)
 Name of Applicant. : Rollins, William, Scott III
 Title of Invention. : "HIGH POWER DENSITY COMBINED CYCLE POWER PLANT SYSTEM AND METHOD".

National Phase Application No : IN/PCT/2001/00215/DEL Dated : 12.3.2001
 Corresponding PCT Application No : PCT/GB99/03127 Dated : 20.9.1999
 Priority document No. : 9820473.8 Dated : 18.9.1998
 Name of Country : UK
 Name of Applicant. : Axis-Shield ASA
 Title of Invention. : "COBALAMIN ASSAY".

National Phase Application No : IN/PCT/2001/00216/DEL Dated : 12.3.2001
 Corresponding PCT Application No : PCT/US99/20649 Dated : 10.9.1999
 Priority document No : 37273 Dated : 10.9.1998
 37274 10.9.1998
 Name of Country : KR (both)
 Name of Applicant. : Sang Ki Lee, Jong UK Choi, Jong Won Kim, Jung Suck Cho, Han Ho Lee.
 Title of Invention : "WATERMARKING OF DIGITAL IMAGES USING WAVELET AND DISCRETE COSINE TRANSFORMS".

National Phase Application No	IN/PCT/2001/00217/DEL	Dated : 12.3.2001
Corresponding PCT Application NO.	PCT/US99/16708	Dated : 9.8.1999
Priority document No	09/134,435	Dated : 14.8.1998
Name of Country :	US	
Name of Applicant:	HJ. Heinz Company	
Title of Invention :	SAFE OPENING CAN END AND METHOD OF MANUFACTURING".	
 National Phase Application No	IN/PCT/2001/00218/DEL	Dated : 13.3.2001
Corresponding PCT Application No	PCT/US99/23601	Dated : 8.10.1999
Priority document No.	09/168,511	Dated : 8.10.1998
Name of Country :	US	
Name of Applicant.	International Fuel Cells LLC	
Title of Invention. :	"MASS TRANSFER COMPOSITE MEMBRANE FOR A FUEL CELL POWER PLANT".	
 National Phase Application No	IN/PCT/2001/00219/DEL	Dated : 14.3.2001
Corresponding PCT Application No	PCT/US99/24029	Dated : 12.10.1999
Priority document No.	60/103,948	Dated : 13.10.1998
Name of Country :	US	
Name of Applicant :	Virtual Gold Inc.	
Title of Invention. :	"METHOD AND APPARATUS FOR FINDING HIDDEN PATTERNS IN THE CONTEXT OF QUERYING APPLICATIONS".	
 National Phase Application No.	IN/PCT/2001/00220/DEL	Dated : 15.3.2001
Corresponding PCT Application No.	PCT/JP99/04972	Dated : 10.9.1999
Priority Document No.	10-258137	Dated : 11.9.1998
Name of Country	JP	
Name of Applicant :	Matsushita Electric Industrial Co. Ltd. & The High Pressure Gas Safety Institute of Japan.	
Title of Invention :	"EQUIPMENT SPECIFYING SYSTEM".	
 National Phase Application No	IN/PCT/2001/00221/DEL	Dated : 15.3.2001
Corresponding PCT Application No	PCT/JP99/04971	Dated : 10.9.1999
Priority document No.	10/258136	Dated : 11.9.1998
Name of Country :	JP	
Name of Applicant.	Matsushita Electric Industrial Co., Ltd, & The High Pressure Gas Safety Institute of Japan.	
Title of Invention :	"GAS TYPE IDENTIFICATION SYSTEM".	

National Phase Application No.	IN/PCT/2001/00222/DEL	Dated : 15.3.2001
Corresponding PCT Application No	PCT/JP99/04973	Dated : 10.9.1999
Priority document No.	10-258138	Dated . 11.9.1998
Name of Country :	JP	
Name of Applicant.	Matsushita Electric Industrial Co. Ltd. & The High Pressure Gas Safety Institute of Japan.	
Title of Invention. :	“GAS LEAKAGE DETECTION SYSTEM”.	
 National Phase Application No	IN/PCT/2001/00223/DEL	Dated : 15.3.2001
Corresponding PCT Application No	PCT/US99/20910	Dated : 15.9.1999
Priority document No.	60/100,440	Dated : 15.9.1998
	60/100,470	15.9.1998
Name of Country :	US (both)	
Name of Applicant.	In Touch Technologies Limited	
Title of Invention. :	“COMMUNICATION SERVICES”.	
 National Phase Application No	IN/PCT/2001/00224/DEL	Dated : 16.3.2001
Corresponding PCT Application No	PCT/US99/24629	Dated : 21.10.1999
Priority document No.	09/176,355	Dated : 21.10.1998
Name of Country :	US	
Name of Applicant.	Internaitonal Fuel Cells LLC	
Title of Invention. :	“FUEL CELL WITH IMPROVED SEALING BETWEEN INDIVIDUAL MEMBRANE ASSEMBLIES AND PLATE ASSEMBLIES”.	

National Phase Application No	IN/PCT/2001/00225/DEL	Dated : 19.3.2001
Corresponding PCT Application No	PCT/FR00/02074	Dated : 19.7.2000
Priority document No.	99/09,335	Dated : 19.7.1999
Name of Country :	FR	
Name of Applicant. :	Centre Stephanois DE Recherches Mecaniques hydromecanique ET frottement	
Title of Invention :	“ALUMINIUM-TITANIUM ALLOY WITH HIGH SPECULAR REFELECTIVITY, REFLECTING COATINGS COMPRISING SAME AND MIRRORS AND PARTS COMPRISING SAID COATING”.	
National Phase Application No	IN/PCT/2001/00226/DEL	Dated : 19.3.2001
Corresponding PCT Application No	PCT/US99/23347	Dated : 7.10.1999
Priority document No.	09/407,436	Dated : 29.9.1999
Name of Country :	60/103717	9.10.1998
Name of Applicant. :	US (both)	
Title of Invention :	ABB Lummus Global Inc. “SELECTIVE OXIDATION PROCESS AND CATALYST THEREFOR”.	
National Phase Application No	IN/PCT/2001/00227/DEL	Dated : 19.3.2001
Corresponding PCT Application No	PCT/AU99/00831	Dated : 28.9.1999
Priority document No.	PP 6241	Dated : 30.9.1998
Name of Country :	AU	
Name of Applicant. :	Comalco Aluminium Limited	
Title of Invention :	“FEED PROCESSING FOR IMPROVED ALUMINA PROCESS PERFORMANCE”.	
National Phase Application No	IN/PCT/2001/00228/DEL	Dated : 19.3.2001
Corresponding PCT Application No	PCT/AU99/00609	Dated : 29.7.1999
Priority document No.	PP 5836	Dated : 21.8.1998
	PQ 0882	9.6.1999
Name of Country :	AU (both)	
Name of Applicant. :	Advanced Nutritional Foods Pty. Limited	
Title of Invention :	“COMPOSITION”.	
National Phase Application No	IN/PCT/2001/00229/DEL	Dated : 20.3.2001
Corresponding PCT Application No	PCT/EP99/06873	Dated : 16.9.1999
Priority document No.	P9802011	Dated : 25.9.1998
	P9900619	26.3.1999
Name of Country :	SP (both)	
Name of Applicant. :	Almirall Prodespharma S.A.	
Title of Invention :	“2-PHENYL PYRAN-4-ONE DERIVATIVES”.	

National Phase Application No IN/PCT/2001/00230/DEL Dated : 20.3.2001
 Corresponding PCT Application No PCT/US99/21123 Dated : 14.9.1999
 Priority document No. 60/100,132 Dated : 14.9.1998
 Name of Country : US
 Name of Applicant. : Iowa State University Research Foundation, Inc.
 Title of Invention : "PLANT RESISTANCE TO INSECT PESTS
 MEDIATED BY VIRAL PROTEINS".

National Phase Application No IN/PCT/2001/00231/DEL Dated : 20.3.2001
 Corresponding PCT Application No PCT/AU99/00694 Dated : 27.8.1999
 Priority document No. PP 5534 Dated : 27.8.1998
 PP 6792 29.10.1998
 Name of Country : AU (both)
 Name of Applicant. : Butterfield Pty. Ltd.
 Title of Invention : "ANIMAL FEED SUPPLEMENT".

National Phase Application No IN/PCT/2001/00232/DEL Dated : 20.3.2001
 Corresponding PCT Application No PCT/US99/22564 Dated : 30.9.1999
 Priority document No. 98117983 Dated : 1.10.1998
 Name of Country : RU
 General Electric Company & Institute for Metals
 Name of Applicant. : Superplasticity Problems of the Russian Academy of
 Sciences.
 Title of Invention : "METHOD FOR PROCESSING BILLETS OUT
 OF METAL AND THE ALLOY AND THE
 ARTICLE".

National Phase Application No IN/PCT/2001/00233/DEL Dated : 20.3.2001
 Corresponding PCT Application No PCT/EP00/06693 Dated : 13.7.2000
 Priority document No. 199334978 Dated : 16.7.1999
 Name of Country : DE
 Name of Applicant. : Rieter Automatik GMBH
 Title of Invention : "DEVICE AND METHOD FOR ADJUSTING A
 CUTTING GAP".

National Phase Application No IN/PCT/2001/00234/DEL Dated : 20.3.2001
 Corresponding PCT Application No PCT/GB99/03229 Dated : 29.9.1999
 Priority document No. 9821139.4 Dated : 29.9.1998
 9915838.8 6.7.1999
 Name of Country : GB (both)
 Name of Applicant. : University College London
 Title of Invention : "ENERGY PROPAGATION MODELLING
 APPARATUS".

National Phase Application No	IN/PCT/2001/00235/DEL	Dated : 21.3.2001
Corresponding PCT Application No	PCT/JP00/04855	Dated : 19.7.2000
Priority document No.	11/208970	Dated : 23.7.1999
Name of Country :	JP	
Name of Applicant. :	Teijin Seiki Co. Ltd.	
Title of Invention :	“YARN RELAXATION-HEATING METHOD AND APPARATUS THEREFOR TECHNICAL FIELD ”.	
National Phase Application No	IN/PCT/2001/00236/DEL	Dated : 22.3.2001
Corresponding PCT Application No	PCT/US99/22396	Dated : 24.9.1999
Priority document No.	98/20223	Dated : 25.9.1998
	60/148258	11.8.1999
Name of Country :	US(both)	
Name of Applicant. :	The Procter & Gamble Company	
Title of Invention :	“GRANULAR DETERGENT COMPOSITIONS HAVING IMPROVED SOLUBILITY PROFILES”.	
National Phase Application No	IN/PCT/2001/00237/DEL	Dated : 22.3.2001
Corresponding PCT Application No	PCT/US99/21251	Dated : 22.9.1999
Priority document No.	09/158,464	Dated : 22.9.1998
Name of Country :	US	
Name of Applicant. :	Dah Yu Cheng	
Title of Invention :	“A SYNCHRONOUS MACHINE WITH ROTATING BRUSHES”.	
National Phase Application No	IN/PCT/2001/00238/DEL	Dated : 22.3.2001
Corresponding PCT Application No	PCT/FR99/02268	Dated : 23.9.1999
Priority document No.	98/12120	Dated : 24.9.1998
Name of Country :	FR	
Name of Applicant. :	Biomed	
Title of Invention :	“DEVICE FOR CONNECTING A RECEPTACLE AND A CONTAINER AND A READY-FOR-USE SET COMPRISING SAME”.	
National Phase Application No	IN/PCT/2001/00239/DEL	Dated : 22.3.2001
Corresponding PCT Application No	PCT/US99/05389	Dated : 12.3.1999
Priority document No.	09/164,697	Dated : 1.10.1998
Name of Country :	US	
Name of Applicant. :	International business Machine Corporation	
Title of Invention :	“SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR ASSIGNING GENERATING AND DELIVERING CONTENT TO INTRANET USERS”.	

National Phase Application No IN/PCT/2001/00240/DEL **Dated** : 22.3.2001
Corresponding PCT Application No PCT/US99/24487 **Dated** : 27.10.1999
Priority document No. 09/182,959 **Dated** : 30.10.1998
Name of Country : US
Name of Applicant. : International Fuel Cells LLC
Title of Invention : "IMPROVED MEMBRANE ELECTRODE ASSEMBLY FOR PEM FUEL CELL".

National Phase Application No IN/PCT/2001/00241/DEL **Dated** : 23.3.2001
Corresponding PCT Application No PCT/GB99/02820 **Dated** : 26.8.1999
Priority document No. 9818633.1 **Dated** : 26.8.1998
9824779.4 11.11.1998
PCT/GB98/03481 20.11.1998
Name of Country : GB (all)
Name of Applicant. : Symtec Limited
Title of Invention : "METHODS AND DEVICES FOR MAPPING DATA FILES".

National Phase Application No IN/PCT/2001/00242/DEL **Dated :** 26.3.2001
Corresponding PCT Application No PCT/GB99/03208 **Dated :** 27.9.1999
Priority document No. 9820877.0 **Dated :** 26.9.1998
Name of Country : GB
Name of Applicant. : Suresh Babubhai Kapadia
Title of Invention : "PAPER PRODUCTS AND CHEMICAL FORMULATIONS FOR THEIR MANUFACTURE".

National Phase Application No IN/PCT/2001/00243/DEL **Dated :** 26.3.2001
Corresponding PCT Application No PCT/JP99/05346 **Dated :** 29.9.1999
Priority document No. HEI 10-294675 **Dated :** 30.9.1998
Name of Country : JP
Name of Applicant. : Amane Enzyme Inc.
Title of Invention : "NOVEL ENZYME COMPOSITION AND PRODUCTION METHOD AND USE THEREOF".

National Phase Application No IN/PCT/2001/00244/DEL **Dated :** 26.3.2001
Corresponding PCT Application No PCT/US99/26907 **Dated :** 12.11.1999
Priority document No. 60/108615 **Dated :** 16.11.1998
Name of Country : US
Name of Applicant. : Texaco Development Corporation
Title of Invention : "REMOVAL OF SOOT IN GASIFICATION SYSTEM".

National Phase Application No IN/PCT/2001/00245/DEL **Dated :** 26.3.2001
Corresponding PCT Application No PCT/IL99/00409 **Dated :** 26.7.1999
Priority document No. PCT/IL99/00409 **Dated :** 26.7.1999
Name of Country : IL
Name of Applicant. : Edge Medical Devices Ltd.
Title of Invention : "DIGITAL DETECTOR FOR X-RAY IMAGING".

National Phase Application No	IN/PCT/2001/00246/DEL	Dated : 27.3.2001
Corresponding PCT Application No	PCT/GB99/03261	Dated : 1.10.1999
Priority document No.	9821548.6	Dated : 2.10.1998
Name of Country :	GB	
Name of Applicant. :	ABP Diagnostics Ltd.	
Title of Invention :	“PROCESS AND APPARATUS FOR THE IN VITRO DETECTION OF MULTIPLE ANALYTES”.	
 National Phase Application No	 IN/PCT/2001/00247/DEL	 Dated : 27.3.2001
Corresponding PCT Application No	PCT/US99/22482	Dated : 28.9.1999
Priority document No.	98870208.0	Dated : 5.10.1998
Name of Country :	EPO	
Name of Applicant. :	The Procter & Gamble Company	
Title of Invention :	“CLEANING COMPOSITIONS”.	
 National Phase Application No	 IN/PCT/2001/00248/DEL	 Dated : 27.3.2001
Corresponding PCT Application No	PCT/US99/22481	Dated : 28.9.1999
Priority document No.	98870207.2	Dated : 5.10.1998
Name of Country :	EPO	
Name of Applicant. :	The Procter & Gamble Company	
Title of Invention :	“CLEANING-WITH SHOT-CHAIN SURFACTANTS”.	
 National Phase Application No	 IN/PCT/2001/00249/DEL	 Dated : 27.3.2001
Corresponding PCT Application No	PCT/US00/40566	Dated : 4.8.2000
Priority document No.	09/369,181	Dated : 6.8.1999
Name of Country :	US	
Name of Applicant. :	General Electric Company	
Title of Invention :	“METHOD AND APPARATUS FOR MEDIFYING LIMIT AND PROTECTION SOFTWARE IN A SYNCHRONOUS GENERATOR EXCITED TO MATCH THE CAPABILITY OF THE TURBINE-GENERATOR”.	
 National Phase Application No	 IN/PCT/2001/00250/DEL	 Dated : 27.3.2001
Corresponding PCT Application No	PCT/CA99/00859	Dated : 23.9.1999
Priority document No.	09/159,226	Dated : 23.9.1998
Name of Country :	US	
Name of Applicant. :	Berube, Guy & Carson Glenn	
Title of Invention :	“APPARATUS FOR ISOLATING OR TESTING A PIPE SEGMENT”.	

National Phase Application No IN/PCT/2001/00251/DEL **Dated :** 27.3.2001
Corresponding PCT Application No PCT/GB99/02948 **Dated :** 6.9.1999
Priority document No. 9819361.8 **Dated :** 4.9.1998
Name of Country : UK
Name of Applicant. : Denny Bros Printing Limited
Title of Invention : "ADHESIVE LABELS AND MANUFACTURE THEREOF".

National Phase Application No IN/PCT/2001/00252/DEL **Dated :** 28.3.2001
Corresponding PCT Application No PCT/US99/21736 **Dated :** 21.9.1999
Priority document No. 60/101,194 **Dated :** 21.9.1998
60/127,158 **Dated :** 31.3.1999
60/128,142 **Dated :** 7.4.1999
60/143,587 **Dated :** 14.7.1999
Name of Country : US (all)
Name of Applicant. : 21st Century Medicine Inc.
Title of Invention : "IMPROVED CRYOPROTECTANT SOLUTIONS".

National Phase Application No IN/PCT/2001/00253/DEL **Dated :** 29.3.2001
Corresponding PCT Application No PCT/US99/22922 **Dated :** 1.10.1999
Priority document No. 60/103191 **Dated :** 5.10.1998
Name of Country : US
Name of Applicant. : The Procter & Gamble Company
Title of Invention : "PROCESS FOR DELIVERING CHELANT AGGLOMERATE INTO DETERGENT COMPOSITION FOR IMPROVING ITS STORAGE STABILITY FLOWABILITY AND SCOOPABILITY".

National Phase Application No IN/PCT/2001/00254/DEL **Dated :** 29.3.2001
Corresponding PCT Application No PCT/US99/23146 **Dated :** 6.10.1999
Priority document No. 60/103,978 **Dated :** 13.10.1998
60/148,053 **Dated :** 10.8.1999
Name of Country : US
Name of Applicant. : The Procter & Gamble Company
Title of Invention : "LAUNDRY DETERGENT COMPOSITIONS WITH A COMBINATION OF CYCLIC AMINE BASED POLYMERS AND HYDROPHOBICALLY MODIFIED CARBOXY METHYL CELLULOSE".

National Phase Application No	IN/PCT/2001/00255/DEL	Dated : 29.3.2001
Corresponding PCT Application No	PCT/US99/22935	Dated : 13.10.1999
Priority document No.	60/103,978	Dated : 13.10.1998
	60/126074	25.3.1990
	60/148,053	10.8.1999
Name of Country :	US(all)	
Name of Applicant. :	The Procter & Gamble Company	
Title of Invention :	“LAUNDRY DETERGENT COMPOSITIONS WITH A CATIONICALLY CHARGED DYE MAINTENANCE POLYMER”.	
 National Phase Application No	IN/PCT/2001/00256/DEL	Dated : 29.3.2001
Corresponding PCT Application No	PCT/US99/23147	Dated : 6.10.1999
Priority document No.	60/103987	Dated : 13.10.1998
	9905474.4	11.3.1999
	60/148053	10.8.1999
Name of Country :	US (all)	
Name of Applicant. :	The Procter & Gamble Company	
Title of Invention :	“DETERGENT COMPOSITIONS OR COMPONENTS”.	
 National Phase Application No	IN/PCT/2001/00257/DEL	Dated : 29.3.2001
Corresponding PCT Application No	PCT/US99/23148	Dated : 6.10.1999
Priority document No.	60/103978	Dated : 13.10.1998
	9905475.1	11.3.1999
	60/148053	10.8.1999
Name of Country :	US (all)	
Name of Applicant. :	The Procter & Gamble Company	
Title of Invention :	“DETERGENT COMPOSITIONS OR COMPONENTS”.	
 National Phase Application No	IN/PCT/2001/00258/DEL	Dated : 29.3.2001
Corresponding PCT Application No	PCT/GB99/03296	Dated : 5.10.1999
Priority document No.	9821662.5	Dated : 5.10.1998
Name of Country :	GB	
Name of Applicant. :	The Nottingham Trent University	
Title of Invention :	“SOLID SUPPORTS CONTAINING SCINTILLANT”.	

ALTERATION OF DATE

186838 filed on 03.06.93.

526/Del/93 Ante dated to 23.06.89.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a patent on any of the applications concerned, may, at any time within four months from the date of this issue or within such further period not exceeding one month if applied for on Form 4 prescribed under the Patent (Amendment) Rules, 1999 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office on the prescribed Form 7 of such opposition. The written statement of opposition should be filed in duplicate alongwith evidence, if any, with said notice or within sixty days of its date as prescribed in Rule 36 as amended by the Patents (Amendment) Rules, 1999.

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In the event of non-availability of printed specification, photocopies of the specification and drawings, if any, can be supplied by the Patent Office and its branch offices on payment of prescribed photocopy charges @ Rs. 10/- per page of such document plus Rs. 30/-.

स्त्रीकृत संपूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि संबद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त चार (4) महीने की अवधि को समाप्ति के पूर्व, पेटेंट (संशोधन) नियम, 1999 के तहत् विहित प्रूप 4 पर अगर आवेदित हो, एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक एकस्व को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रूप 7 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य दो प्रतियों में साक्ष्य के साथ, यदि कोई हो, उक्त सूचना के साथ या पेटेंट (संशोधन) नियम, 1999 द्वारा संशोधित नियम 36 के तहत् यथाविहित उक्त सूचना के तिथि से 60 दिन के भीतर फाईल कर दिये जाने चाहिएं।

प्रत्येक विनिर्देश के संदर्भ में नीचे दिये वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं।

विनिर्देश तथा चित्र आरेख, यदि कोई हो, की अंकित प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित 30 रुपये प्रति की अदायगी पर की जा सकती है।

ऐसी परिस्थिति में जब विनिर्देश की अंकित प्रति उपलब्ध नहीं हो, विनिर्देश तथा चित्र आरेख, यदि कोई हो, की फोटो

प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित फोटोप्रति शुल्क उक्त दस्तावेज के 10 रुपये प्रति पृष्ठ धन 30 रुपये की अदायगी पर की जा सकती है।

Ind. Cl. : 34 A.

186811

Int. Cl.⁴ : D 02 G 3/00.

PROCESS FOR PREPARING A NOVEL HOLLOW FILAMENT OF A SYNTHETIC POLYMER AND THE NOVEL HOLLOW FILAMENT PRODUCED THEREFROM.

Applicant : E.I. DU PONT DE NEMOURS AND COMPANY OF STATES OF DELAWARE, UNITED STATES OF AMERICA.

Inventor : HERNANDEZ ISMAEL ANTONIO.

Application No. 1368/Cal/95 filed on 31.10.95.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972), Patent Office, Kolkata.

6 Claims

Process for preparing a novel hollow filament of synthetic polymer having a single continuous void through out the filament length and a void content of upto 30% wherein hollow crosssection has a protruding part which extends to an amount in the range of 5% to 35% of the average wall thickness of the filament and has a degree of irregularity as herein defined of less than 5%, said process comprising the steps of : post-coalescence melt-spinning in a known manner the synthetic polymer at a temperature of 291°C to 297°C through arc-shaped segmented spinning capillary orifices that form a segmented periphery of spinneret capillary to coalesce and form continuous hollow filament having a single continuous void and quenching in a known manner to solidify the hollow filaments, characterized in that said molten polymer is spun at a speed of 1167 mpm through a separate orifice located within the said segmented periphery of the spinneret capillary to form a protuberance protruding into the void on the internal wall of the hollow filament so as to have a degree of irregularity of less than 5%.

(Complete Specification 14 Pages. Drawing Sheets 4)

Ind. Cl. : 34 A.

186812

Int. Cl.⁴ : D 02 G 3/22.

PROCESS FOR PREPARING NEW MULTI-VOID FILAMENT OF A SYNTHETIC POLYMER AND THE NEW MULTI-VOID FILAMENT PRODUCED THEREFROM.

Applicant : E.I. DU PONT DE NEMOURS AND COMPANY OF STATES OF DELAWARE, UNITED STATES OF AMERICA.

Inventor : HERNANDEZ ISMAEL ANTONIO.

Application No. 1369/Cal/95 filed on 31.10.95.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent office, Kolkata.

5 Claims.

Process for preparing new multi-void filament of a synthetic polymer having at least three continuous voids and at least one protuberance on an internal wall of at least one void, said process comprising the steps of post-coalescence melt-spinning in a known manner the synthetic polymer through segmented spinning capillary orifices at a temperature of 291°C to 297°C to form continuous filaments having at least three voids, and quenching in a known manner to solidify the filaments, characterized in that said molten polymer is spun at a speed of 1092 mpm through at least one separate orifice (60) located within one of the slots of the spinneret capillary to form at least one protuberance protruding into said void.

(Compl. Specn. : 19 Pages

Drgns. Sheets : 10)

Ind. Cl. 120 B₂

186813

Int. Cl.⁴ : F 04 B 39/02.

AN OIL SUPPLYING APPARATUS FOR A HERMETIC TYPE COMPRESSOR.

Applicant : LG ELECTRONICS INC, OF 20, YOIDO DONG, YONGDUNGPOKU SEOUL, KOREA.

Inventor : WOO JIN HYUN.

Application No. 06/Cal/96 filed on 1.1.96.

(Convention No. 7726/1995 filed on 3.4.95 in Korea.)

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent office, Kolkata.

7 Claims.

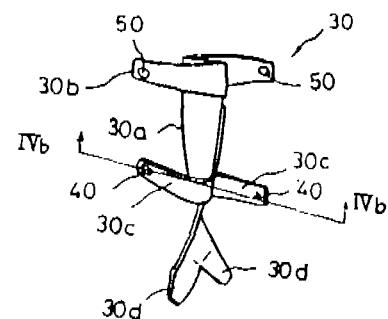
An oil supplying apparatus for a hermetic type compressor, comprising :

a crank shaft having an outer guide groove formed on an outer surface thereof and an inner guide groove formed on an inner portion thereof.

a casing connected to the lower portion of the inner guide groove of the crank shaft; and

an oil supplying means having an oil supplying unit formed by a pair of fork-shaped lower support blades, a supporting unit comprising upper support blades and a pair of opposing intermediate support blades, the cross sections of the upper support blades and the intermediate support blades being elliptical when the upper support blades and the intermediate support blades are not inserted into the casing, and a scratch prevention unit which is at least one protrusion formed at outermost edge portion of at least one of the upper and intermediate support blades, and the oil supplying means being disposed within the casing.

FIG. 4A



(Compl. Specn. : 16 Pages

Drgns. Sheets : 3)

Ind. cl. : 176 I.

186814

Int. Cl.⁴ : F 22 B 35/04.

AN APPARATUS FOR STARTING UP A CONTINUOUS-FLOW STEAM GENERATOR.

Applicant : SIEMENS AKTIENGESELLSCHAFT OF WITTELSBACHERPLATZ 2, 80333 MUNCHEN, GERMANY.

Inventor(s) : FRANK JOACHIM & WITTCHOW EBERHARD.

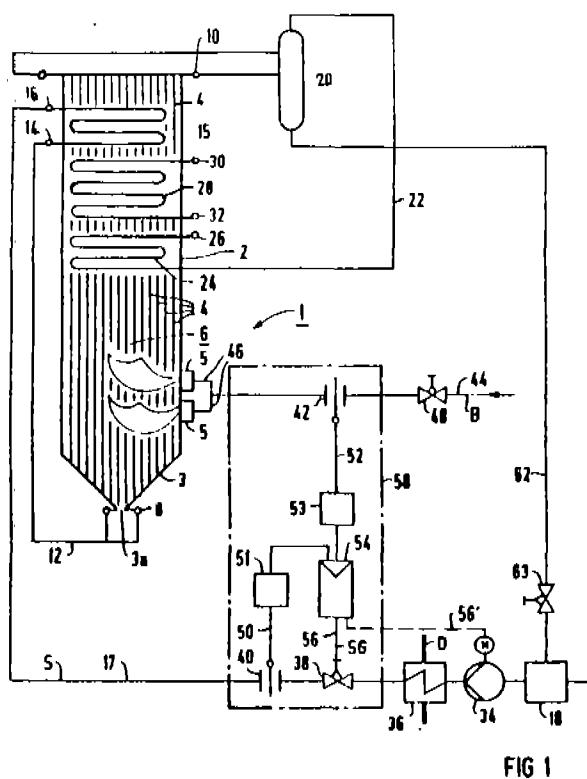
Application No. 148/Cal/96 filed on 30.1.96.

(Convention No. 19504308.1 filed on 9.2.95 in Germany).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent office, Kolkata.

5 Claims.

Apparatus for starting up a continuous-flow steam generator comprising a combustion chamber (6) which possesses a number of burners (5) for a fossil fuel (B) and the gas-tight containing wall (2) of which is formed from at least approximately vertically arranged evaporator tubes (4), having a controller module (54) for establishing a regulating variable (SG) determining the evaporator throughput (VD), the evaporator throughput (VD) determined by the regulating variable (SG) being proportional to the firing heat capacity (FW) established from the quantity of fuel (B) fed to the or each burner (5) per unit time, and the controller module (54) being connected to a regulating element (34, 38) connected into a feedwater conduit (17) leading to the evaporator (4) and to a through-flow-measuring sensor (42), connected into a fuel conduit (44) leading to the or each burner.



Ind. Cl. : 101-F.

186816

Int. Cl. 4 : F 15 D 1/06.

APPARATUS FOR CONTROLLING TURBULENCE IN BOUNDARY LAYER AND OTHER WALL BOUNDED FLUID FLOW FIELDS.

Applicant : ORLEV SCIENTIFIC COMPUTING LTD. OF P. O. BOX 68, YAVNE 70650, ISRAEL.

Inventor(s) : LAWRENCE SIROVICH, LUCIEN Y. BRONICKI & EUGENE LEVICH.

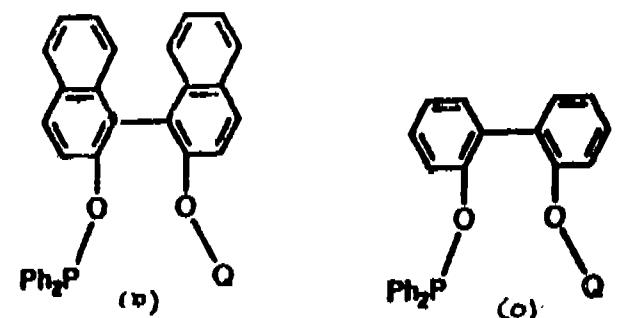
Application No. 254/Cal/96 filed on 12.2.96.

(Convention No. 08,387,567 and 08,393,381 filed on 13.2.95 and 23.2.95 in U.S.A. respectively.)

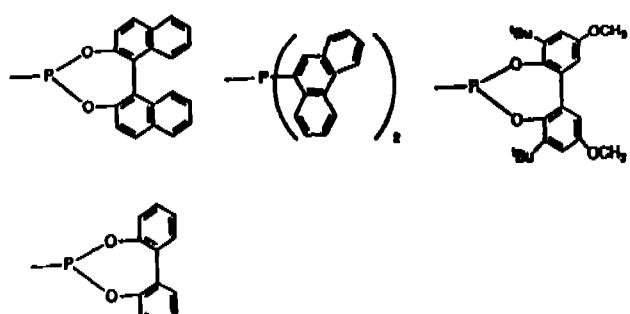
Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent office, Kolkata.

9 Claims:

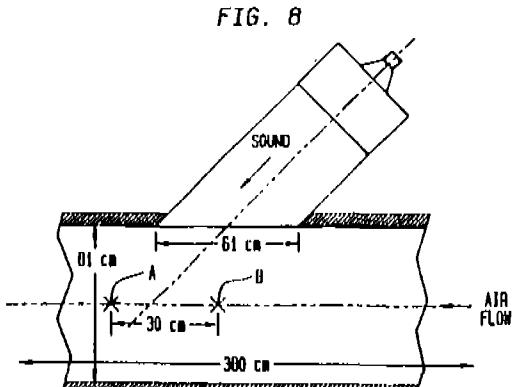
Apparatus for controlling turbulence in boundary layer or other wall-bounded fluid flow fields having a turbulent wall region characterized by a system of roll pairs or streaks whose diameter is functionally related to the strength of the flow, and which extend in the direction of flow, and by propagating structures of coherent patterns that propagate obliquely to the direction of flow at a substantially constant group speed, said apparatus including a linear, or two dimensional, array of fine scale mechanical system such as herein described capable of controlled mechanical motion in response to actuation, and drivers to actuate said fine-scale mechanical system for introducing into the turbulent wall region disturbances that are effective in said region to produce a composite disturbance field having a component due to the static presence of said system and a component due to their controlled mechanical motion, said composite field being strongly coupled to and modifying the obliquely propagating structures in a manner that increases or decreases the interaction of the propagating structures with the system of roll pairs for locally increasing or decreasing the turbulence in the flow field.



Where X_1 is meta—Cl, para—Cl, meta—CF₃, meta—F, para—F, meta—CN, para—CN, meta—CH₃, or para—CH₃; X_2 is methyl or alkoxyl having 1 to 3 carbon atoms; n is zero, 1 or 2; Q is



wherein Me is methyl, Ph is phenyl and t-Bu is tertiary butyl.



Ind. Cl. : 98 G.

Int. Cl.⁴ : F 28 F 3/02.

186817

FIN TUBE HEAT EXCHANGER.

Applicant : LG ELECTRONICS INC, OF 20, YOIDO-DONG, YONGDUNGPOKU SEOUL, KOREA.

Inventor : 1. KANG, TAE WOOK, 2. LEE, KAM GYU.

Application No. 118/Cal/96 filed on 23.1.96

(Convention No. 1995-1078 filed on 23.1.95 in Korea).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent office, Kolkata.

6 Claims.

A fin heat exchanger;

a plurality of plate-shaped fins a regular intervals in parallel with one another through which air flows;

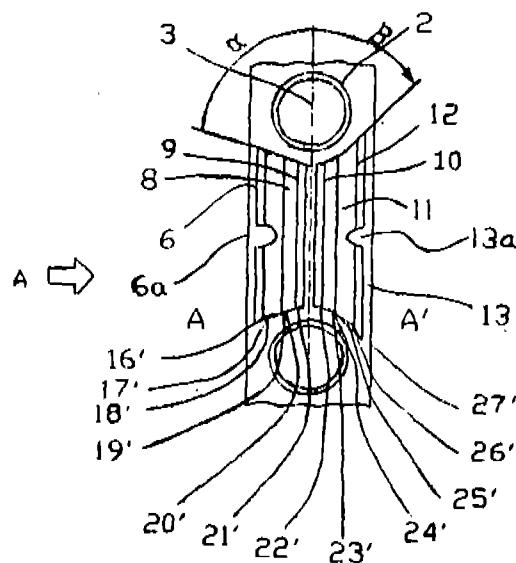
a plurality of heat transfer tubes extending through said plate-shaped fins; and

a group of cutouts being formed in said plate-shaped fins to partially surround said heat transfer tubes, said group of cutouts being divided into a windward subgroup and a leeward subgroup as viewed in a direction of air, with a center line passing through a center of each of said tubes serving as boundary therebetween, and central flat portion being provided which is located along said center line and between said windward subgroup and said leeward subgroup;

said windward subgroup being formed by at least two inclined slats which project from a surface of said plate-shaped fin at a non-zero angle with respect to the surface of the plate-shaped fin said inclined slats immediately bordering one another, said inclined slats progressively increasing in length proceeding in a direction away from said center line such that end portions of said inclined slats form a windward side angle with respect to said center line; said leeward subgroup being formed by at least two inclined slats which project from a surface of said plate-shaped fin at a non-zero angle with respect to the surface of the plate-shaped fin in a direction opposite to that of said inclined slats of said windward subgroup, said inclined slats of said leeward subgroup progressively increasing in length proceeding in a direction away from said center line such that end portions of said inclined slats of said leeward subgroup form a leeward side angle with respect to said center line,

wherein each of outermost ones of said slats on said windward side and said leeward side are divided

approximately in half by a central flat portion, and a substantially semicircle-shaped notech portion is formed on a central portion of slats which are located next to said outermost ones of said slats on the windward side and the leeward side.



(Compl. Specn. : 15 Pages.

Drgns. Sheets : 4)

186818

Ind. Cl. : 118 A.

Int. Cl.⁴ : B 62 D, 55/215.

ROAD PADS FOR TRACKED VEHICLES.

Applicant : WILLIM COOK CAST PRODUCTS LIMITED, OF WILLIAM COOK PLC, PARKWAY AVENUE, SHEFFIELD, SOUTH YORKSHIRE, S 9 4UL, UNITED KINGDOM.

Inventor : BAKER PETER EDWARD.

Application No. 472/Cal/96 filed on 18.3.96.

(Convention No. 9505515.8 filed on 18.3.95 in United Kingdom).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent office, Kolkata.

18 Claims.

A road pad adapted for sliding engagement within a track link, the pad comprising a body of polymeric material having a latching projection adapted to cooperate with an abutment of the link to prevent withdrawal of the pad and in which the latching projection includes a reinforcing element encapsulated within the polymeric material.

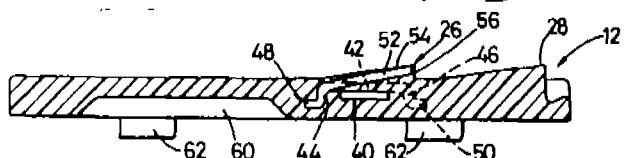


FIG. 3 B

(Compl. Specn. : 9 Pages.

Drgns. Sheets : 17)

Ind. Cl. : 136 E.

186819

Int. Cl.⁴ : B 29 B 7/60.

AN APPARATUS FOR REPROCESSING THERMOPLASTIC SYNTHETIC PLASTIC MATERIAL.

Applicant(s) : 1. HELMUT BACHER OF BRUCK/ HAUSLEITEN 17, A-4490. ST. FLORIAN, AUSTRIA, 2. HELMUTH SCHULZ OF BADSTRASSE 20, A-4490 ST. FLORIAN AUSTRIA, 3. GEORG WENDELIN OF WALDBOTHERNWEG 84, A-4033 LINZ, AUSTRIA.

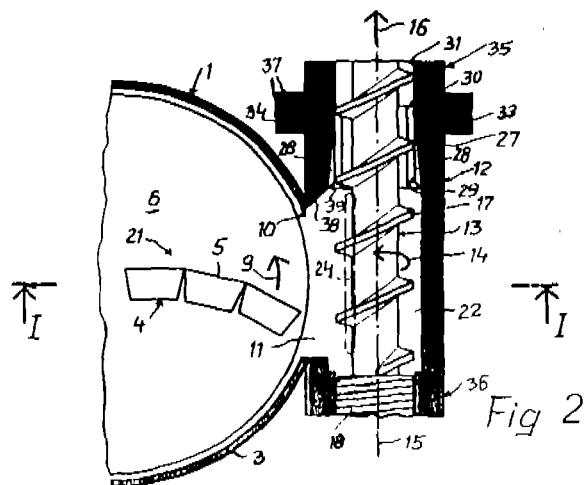
Inventor(s) : 1. BACHER HELMUT, 2. SCHULZ, HELMUTH, 3. WENDELIN GEORG.

Application No. 644/Cal/96 filed on 8.4.96.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent office, Kolkata.

15 Claims

(Complete Specification : 18 Pages. Drawing Sheets 2)



An apparatus for reprocessing thermoplastic synthetic plastic material, comprising a receptacle (1) for the synthetic plastic material to be processed, which receptacle (1) has a device with at least one rotating tool (4) which conveys the synthetic plastic material through a discharge opening (10) of the receptacle (1) such that a component of a stuffing force is exerted on the synthetic plastic material in the axial direction of this discharge opening (10) and transmitted thereto always by synthetic plastic material subsequently being pressed in, which discharge opening (10) leads to an inlet opening (11) for the synthetic plastic material arranged in the side wall of the screw housing (12) of a screw (13), whereby the interior surface of the screw housing (12) of the screw (13), in the area of the inlet opening (11) has an enlargement (22), preferably pocket-like, which provides an additional space to accommodate synthetic plastic material and which is confined by an adjustable wall piece (23) on that edge of the inlet opening (11) on which the direction of rotation of the screw (13) is directed towards the receptacle (1), which wall piece (23) allows the enlargement (22) to be at least partially closed off from the receptacle (1) characterized in that the enlargement (22) gives way to several grooves (28) at least in the area (27) of the screw housing (12) adjoining it in the transport direction of the screw (13), which grooves (28) are of a depth which decreases to be screw diameter in this area (27) and which grooves (28) are separated from each other in this area (27) by rigid ribs (29) projecting toward the screw (13) relative to the wall of the enlargement (22) of the screw housing (12), each of these grooves (28) providing a space for the synthetic plastic material, the longitudinal direction of which space having a substantial component extending in the axial direction of the screw (13).

Ind. Cl. : 55 E.,

186820

Int. Cl.4 : C 07 D—403/14, 403/02,
A 61 K—31/495, 31/505.

A PROCESS FOR THE PREPARATION OF
POLYMORPH 1 OF LESPORITRON
DIHYDROCHLORIDE.

Applicant : LABORATORIOS DEL DR. ESTEVE, S.A.
OF AVENIDA MARE DE DEU DE MONTSERRAT, 221,
08041, BARCELONA, SPAIN.

Inventors : 1. ROSES PILAR LUPON, 2. NAVARRO JAIME TOMAS, 3. TORRES SALVADOR PUIG & 4. CONSTANSA JORDI FRIGOLA.

Application No. 921/Cal/96 filed on 21.5.96.

(Convention No. 9501086 filed on 31.5.95 in Spain).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patents Office, Kolkata.

3 Claims

A process for the preparation of polymorph I of Lesopitron dihydrochloride, as described herein, wherein a solution of Lesopitron dihydrochloride suspended in a 1 to 4 carbon atom aliphatic alcohol, mono or polyhydroxylated, at the reflux temperature, is slowly cooled to 50-55°C, bringing about crystallization; said slow cooling is continued to 0-5°C with the crystalline mass being filtered to obtain the

into said first evaporator when refrigerant is being directed into said second evaporator to cool said second compartment.

(Complete Specification : 19 Pages. Drawing Sheets 6)

Ind. Cl. : 9 A.

186823

Int. Cl.⁴ : C 22 C 21/00.

AN ALUMINUM-BASE MATRIX COMPOSITION AND A METHOD FOR THE PREPARATION THEREOF.

Applicant : PRADEEP KUMAR ROHATGI AN INDIAN NATIONAL OF 2/34, SARVA PRIYA VIHAR, NEW DELHI-110016, INDIA.

Inventor : PRADEEP KUMAR ROHATGI-INDIA.

Application for Patent No. 381/Del/93 filed on 16.4.93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

10 Claims

An aluminium base matrix composition comprising:

- (a) an aluminium-base matrix,
- (b) upto 40 weight percent of a carbide composite strengthener for example silicon carbide, titanium carbide, tungsten carbide, vanadium carbide or nickel aluminium dispersoids and/or a mixture thereof and
- (c) 0.5 to 30 weight percent of a lubricating phase particles for example carbon, graphite and/or a mixture thereof for lubricating said aluminium base matrix present in the said composite.

(Complete Specification : 17 Pages. Drawing Sheet : 1)

Ind. Cl. : 69A.

186824

Int. Cl.⁴ : H 01 H 73/44.

CUTOFF DEVICE FOR CIRCUIT BREAKER.

Applicant : TELEMECANIQUE, A FRENCH COMPANY, OF 43-45 BOULEVARD FRANKLIN ROOSEVELT, 92500 RUEIL MALMAISON, FRANCE.

Inventor : CHRISTIAN PICHARD-FRANCE.

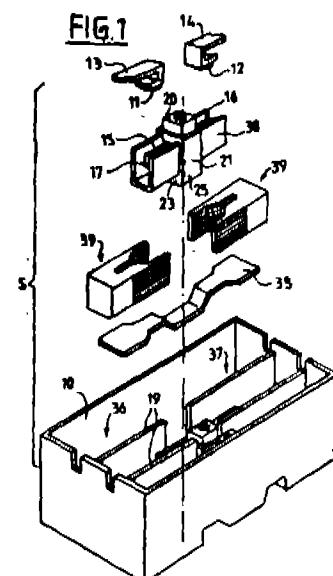
Application for Patent No. 424/Del/93 filed on 27.4.93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

9 Claims

A cutoff device for circuit breaker comprising, in a box and for each pole, a mobile contact bridge associated with fixed contacts and a contact pressure spring, said bridge being pushed against said spring by a push button which is secured to a mechanism for opening and closing said contacts, characterised by the fact that :

said push button of said contact bridge is guided in a fixed cage mounted in the box of the circuit breaker, said cage has passage windows for said contact bridge, said windows enabling displacement of said contact bridge under the effect of said mechanism and in the case of electrodynamic repulsion.



(Compl. Specn. : 8 Pages.

Drgn. Sheet : 1)

Ind. Cl. : 88 A.

186825

Int. Cl.⁴ : B01D 53/00.

A PROCESS FOR THE SEPARATION OF GASES.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventor(s) : ARUN SAVALARAM JADHAV, JAYARANI PURUSHOTHAM, SUDHIR SHARD CHANDRA KULKARNI & SUBHASH PUNDLIK VERNEKAR.

Application for Patent No. 590/Del/93 filed on 10th June, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

2 Claims

A process for the separation of respective gases from their mixture such as He/N₂, O₂N₂, CO₂N₂, or He/Ar which comprises passing the respective mixture of said gases at a temperature 35°C and pressure differential such as 150psi/ ambient pressure over a semipermeable membrane,

consisting of silicon containing aromatic polyesters of the formula:

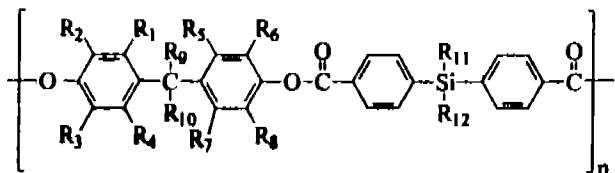


FIG.1

where R_1 to R_{12} represent hydrogen, alkyl group containing 1 to 5 methylene group or halogen atoms, R_9 to R_{10} represent alkyl group containing 1 to 5 carbon atom or CF_3 groups and R_{11} and R_{12} can be alkyl groups containing 1-5 carbon atoms or phenyl groups and collecting respective gases by known methods.

(Compl. Specn. : 9 Pages.

Drgn. Sheets : 4)

Ind. Cl. : 160 A.

186826

Int. Cl.⁴ : B60B—37/60.

ELECTRICALLY MOTORIZED WHEEL ASSEMBLY.

Applicant : HYDRO-QUEBEC, A CANADIAN COMPANY, OF 75 WEST, BOULEVARD RENE-LENESQUE, MONTREAL, QUEBEC, CANADA H2Z 1A4.

Inventor(s) : PIERRE COUTURE—CANADA, BRUNO FRANCOEUR—CANADA, JULIEN SIMARD—CANADA, FRANCOIS—XAVIER BOURGEOIS—CANADA & GERMAIN HARREC—CANADA.

Application for Patent No. 592/Del/93 filed on 10.06.93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

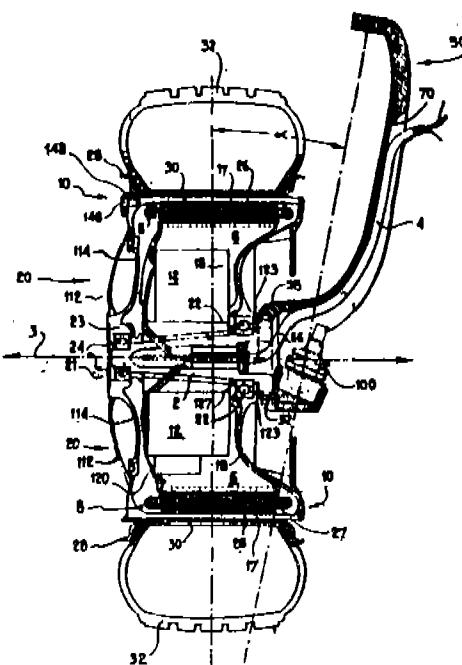
38 Claims

An electrically motorized wheel assembly comprising a hollow shaft (2) having a first opening at one end thereof, and a second opening at a second end thereof, said first opening being able to receive supply conductors (4) from outside said motorized wheel assembly, a stator (6) coaxial with said shaft (2) and fixed to said shaft (2), said stator (6) being provided with a hollow portion (11) and with coils (8); a rotor (10) coaxial with said stator (6) and mounted so that it can turn about said stator (6); and a conversion means (12) for converting an electrical input voltage and current into an electrical output voltage and current, said output current being AC and variable, said conversion means (12) comprising power electronics (14) having input terminals (15) for receiving said electrical input current and output terminals (16) for generating said variable AC electrical current and via which, in operation, said variable AC current supplies said coils (8) of said stator (6), wherein;

said power electronics (14) is mounted in said hollow portion (11); and said supply conductors (4) are connected directly to said input terminals of said power electronics

(14) which is located inside said hollow portion (11) so that said conductors (4) which are received in said first opening of the hollow shaft can have a relatively small diameter even in a case where said motor has to generate a relative high torque.

FIG. 1



(Compl. Specn. : 39 Pages.

Drgn. Sheets : 18)

Ind. Cl. : 116 B, G.

186827

Int. Cl.⁴ : B 65 G, 67/00, 69/00.

A CONVEYING APPARATUS FOR THE QUANTITATIVELY CONTROLLED CONVEYANCE OF BULK MATERIAL.

Applicant : VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH AN AUSTRIAN COMPANY, OF 44 TURMSTRASSE, A-4020 LINZ, AUSTRIA.

Inventor(s) : FELIX WALLNER—AUSTRIA, LEOPOLD WERNER KEPPLINGER—AUSTRIA, CHRISTIAN BOHM—AUSTRIA.

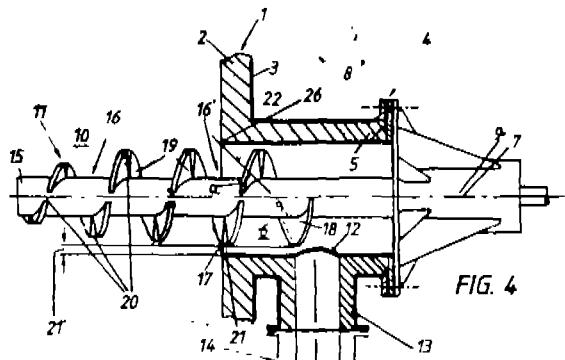
Application for Patent No. 594/Del/93 filed on 10.06.93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

10 Claims

A conveying apparatus for the quantitatively controlled conveyance of bulk material such as herein described from a first metallurgical vessel to a second metallurgical vessel comprising a conveying channel having an entry and a discharge openings and a conveyor worm provided in the conveying channel extending at least from the entry opening of the conveying channel to the discharge opening

and annularly housing a first section formed by paddles and a second section formed by a continuous helix provided downstream of the first section, and on the end associated with the discharge opening, characterized in that said first section formed by the paddles is located in an end region of the conveyor worm extending into the interior of the first metallurgical vessel and that the continuous helix extends between half and two convolutions; the end of the continuous helix of said second section is located in the region of said discharge opening for the bulk material to be conveyed, said discharge opening being surrounded by a downwardly directed socket leading to said second metallurgical vessel and the end region of the conveyor worm annularly housing the helix being mounted on the end of the conveying channel via a bearing means provided on the pertaining end of the conveying channel.



(Compl. Specn. : 14 Pages.

Drgn. Sheets : 2)

Ind. Cl. : 15 D.

186828

Int. Cl. : F 16 C 33/72

A ROLLING ELEMENT BEARING WITH SEAL.

Applicant : THE TORRINGTON COMPANY, A CORPORATION ORGANIZED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA.

Inventor : DANIEL ROBERT McLARTY—U.S.A.

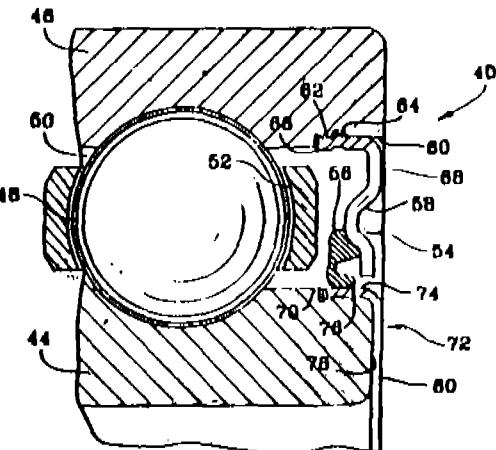
Application for Patent No. 0702/Del/93 filed on 7.7.93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

10 Claims

A rolling element bearing with seal comprising an outer ring (46) and inner ring (44) rolling elements (48) within an annulus between the outer ring (46) and the inner ring (44) and an inner right insert (72) mounted on the outer periphery of the inner ring (44) such that the inner ring insert (72) extends a predetermined axial length beyond the inner ring (44) and the inner ring insert (72) is able to form a sliding surface for a sealing element, characterized in that an insert support means (100) is provided against the axial face of the inner ring (44) and radially inside the inner

ring insert (72) for supporting the inner ring insert (72) such that the inner ring insert (72) together with the insert support means (100) provides a predetermined axial extension of the inner ring (44).

**FIG. 2**

(Compl. Specn. : 17 Pages

Drgn. Sheets : 3)

Ind. Cl. : 140 A₂.

186829

Int. Cl. : C 10 M 107/00.

A NITROGEN CONTAINING SOLUBLE ORGANIC LUBRICATING COMPOSITION.

Applicant : THE LUBRIZOL CORPORATION, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF OHIO, USA, OF 29400 LAKEWOOD BOULEVARD, WICKLIFFE, OHIO 44092-2298, U.S.A.

Inventor : WILLIAM BRICKER CHAMBERLIN III (USA).

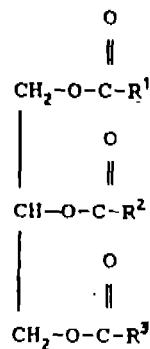
Application for Patent No. 713/Del/93 filed on 8.7.93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

36 Claims

A nitrogen containing soluble organic lubricating composition comprising :

(A) from 70 to 94 parts by weight of at least one natural oil comprising an animal oil or vegetable oil comprising a triglyceride of the formula



wherein R^1 , R^2 and R^3 are independently saturated or unsaturated aliphatic hydrocarbyl groups containing from 8 to 24 carbon atoms;

(B) from 5 to 18 parts by weight of at least one detergent dispersant selected from the group consisting of;

- (I) at least one acylated nitrogen containing compound;
- (II) at least one neutral of basic metal salt;
- (III) at least one amine other than an amino phenol; and
- (IV) at least one condensate of the kind such as herein described;

and optionally

(C) from 1 to 12 part by weight of at least one aminophenol of the kind such as herein described.

(Compl. Specn. : 62 Pages Drgn. Sheet : Nil)

Ind. Cl. : 32F 3(a). 186830

Int. Cl.⁴ : C 12 F—1.00.

AN IMPROVED PROCESS FOR THE PRODUCTION OF ETHANOL.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860) AND VITTHAL MALLYA SCIENTIFIC RESEARCH FOUNDATION, A SOCIETY REGISTERED UNDER THE SOCIETY REGISTRATION ACT, 1960.

Inventor(s) : PUSHPA AGRAWAL—INDIA, UTTAM CHAND BANERJEE—INDIA, TAPAN CHAKRABARTI—INDIA, KAITHAMANA SHASHI—INDIA, BHASKARAN CHANDRASEKHAR—INDIA & ASHOK KUMAR BHANDARI—INDIA.

Application for Patent No. 749/Del/93 filed on 19.7.93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

10 Claims

An improved process for the production of ethanol which comprises :

- (a) diluting the molasses or other fermentable sugars (broth) to a concentration upto 30% sugars (w/v) or upto 45% molasses (v/v),
- (b) fermenting the broth using novel recombinant strain of *Saccharomyces cerevisiae* (yeast) having characteristics as herein described by adding inoculum (the yeast cells) in the ratio ranging from about 1 : 5 to 1 : 20 till completion at a temperature in the range of about 20 to 37°C.

(c) recovering the ethanol formed by methods such as herein after described.

(Compl. Specn. : 21 Pages.

Drgn. Sheet : Nil)

Ind. Cl. : 156 AD.

186831

Int. Cl.⁴ : F 04 B 9.00.

A BICYCLE OPERATED PUMP FOR PUMPING LIQUIDS FROM A LOWER LEVEL TO A HIGHER LEVEL.

Applicant : BHARAT HEAVY ELECTRICALS LIMITED, BHEL HOUSE, SIRI FORT, NEW DELHI-110049, AN INDIAN ORGANISATION.

Inventor(s) : BIKKINA VENKATA RAO & RUDRARAJU SATYANARAYANA RAJU.

Application for Patent No. 53/Del/92 filed on 23.1.92.

Complete left after Provisional Specification filed on 12.4.93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

5 Claims

A bicycle operated pump for pumping liquid from a lower level to a higher level comprising an outer ring (11) adapted to be secured with the rear wheel (10) of a bicycle for supporting a support ring (18) therewith, a flexible tubing

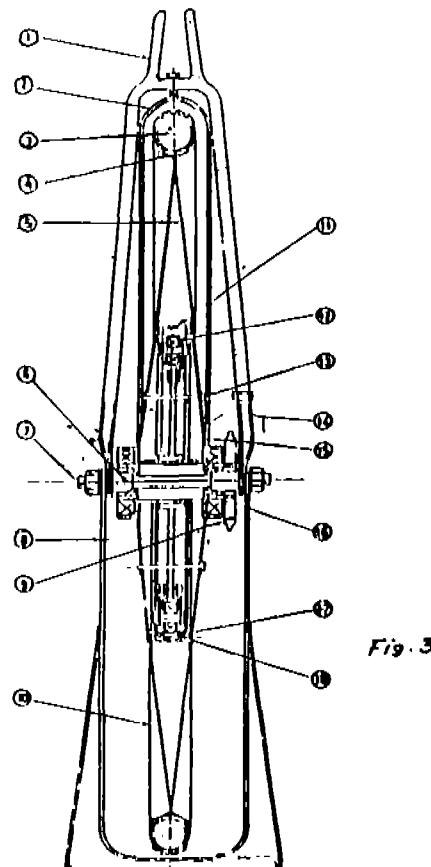


Fig. 3

(17) being supported on the inner curvature of said support ring (18), at least a bearing roller (12) secured at one end of a disc member (15) being provided rotatably to produce the suction effect in the flexible tubing upon the rotation thereof, said disc member (15) being secured to the hub (16) mounted on the axle (7) of said rear wheel (10), a side cover (14) being provided to protect said disc member (15).

(Provl. Specn. : 3 Pages.)

(Compl. Specn. : 8 Pages.

Drgn. Sheets : 3)

Ind. Cl. : 206 E. 186832

Int. Cl.⁴ : G 11 B—20/02.

DATA STORAGE DEVICE.

SCIENTIFIC GENERICS LIMITED, A BRITISH COMPANY, OF KING'S COURT, HARSTON MILL, HARSTON, CAMBRIDGE SHIRE CB25NH ENGLAND.

Inventor(s) : ANDREW NICHOLAS DAMES—ENGLAND & PETER JOHN HYDE—ENGLAND.

Application for Patent No. 15/Del/92 filed on 06.01.92.

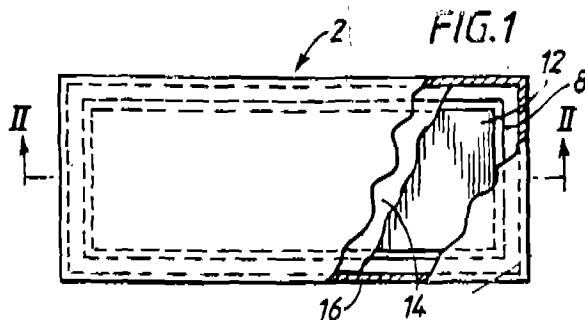
Convention Application No. 9100172.2/UK./04.01.91.; 9102475.2/UK./05.02.91.; 9109897.0/UK./08.05.91.; 9117310.4/UK./09.08.91; 9118722.9/UK./91; 9121779.4/UK./14.10.91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

13 Claims

A data storage device capable of use as an identification device comprising :—

- a magnetostrictive element;
- a magnetic bias field producing means located in relation to said element for biasing said element; and
- a magnetic field within said element, said magnetic field being produced by said magnetic bias field producing means and comprising a plurality of portions having different field values therein;



wherein the magnetic bias field producing means and the magnetostrictive element are operatively coupled by the magnetic field such that said element will resonate at least one predetermined frequency higher than its fundamental

frequency in response to an applied interrogating alternating field at said predetermined frequency(ies).

(Compl. Specn. : 54 Pages.

Drgn. Sheets : 18)

Ind. Cl. : 206 E.

186833

Int. Cl.⁴ : H 01 L—31/00.

AN INFRARED RADIATION DETECTOR FOR MONITORING THE PRESENCE OF A STOCK PASSING OVER ROLLERS IN A STEEL MANUFACTURING PLANT.

Applicant : STEEL AUTHORITY OF INDIA LIMITED, RESEARCH & DEVELOPMENT CENTRE FOR IRON & STEEL, HAVING ITS REGISTERED OFFICE AT ISPAT BHAWAN, LODHI ROAD, NEW DELHI-110003, INDIA.

Inventor(s) : SUSHIL CHANDRA KHAN—INDIA, SUBROTO SINHA—INDIA, AVADHESH SINGH CHAUHAN—INDIA, GOPAL JEEVEN MAHAJAN—INDIA AND JAGATRANJAN BHATTACHARYA—INDIA.

Application for Patent No. 445/Del/92 filed on 21st May, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110008.

7 Claims

An infrared radiation detector for monitoring the presence of a stock passing over rollers in a steel manufacturing plant, characterised in that, the said detector comprises a combination of the following components which are connected for operation in an interdependent manner : (i) an optical imaging device (OID) for collecting infrared radiation emitted directly by the stock when this is hot or collecting infrared radiation from an external source interrupted by cold stock to be detected and a sensing cell (ISC), a Germanium Photodiode, such as herein described, to convert infrared radiation falling on the same into electrical signal, (ii) an electronic unit, termed 'photohead', having a two-stage precision amplifier formed by IC-1 and IC-2 each of type IM2902N, an electronic threshold converter (ETC) and an electronic signal comparator (ESC) for processing said electrical signal in a predetermined manner, transistor amplifiers in output devices (ODS)-I formed by transistors T1 and T2 each of type 2N3019 for driving reed relay and open collector outputs for the processed signal and a low power infrared source D(4) of type MLED 930 (Motorola make) for testing the performance of the detector in the absence of any stock in the field of view of said optical imaging device, (iii) an electronic unit, termed 'monitor' connected electrically to said photohead by means of a cable (K) provided for the purpose, having a noise elimination circuit (NEC) for cancelling the noise signals picked up in said cable, an output logic circuit (OLC) for controlling the mode of operation of the detector, a threshold generating circuit

(TGC) for generating a threshold signal in current mode required for operation of the electronic signal comparator (ESC) of the said photohead, a self-test circuit (STC) for generating the test signal in current mode for energising the said low power infrared source in the photohead for testing the performance of the detector, transistor amplifiers for driving power relay and open collector outputs for operation of equipments in the control room of the plant, an in-built low voltage regulated DC power supply (DPS) for operation of the said stages of the photohead and monitor units and (iv) mechanical housing, head, cover, stand, holder and mounting arrangements, such as herein described, of the said optical imaging device, photohead unit, monitor unit and components thereof and of the cooling jackets which are provided to enable operation of the detector when the temperature of the surrounding atmosphere exceeds 50°C, said stand allowing three-dimensional alignment of the said photohead obliquely down or up at different angles and distances with respect to the stock passing over the rollers in the field of view of the optical imaging device.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110008.

5 Claims

A gas dryer comprising, a body (1) carrying a chamber (8) containing desiccant material (10), said chamber having an inflow passage (28) communicating with an inlet passage (2) of the body, and a one-way outflow passage (11) containing a non-return valve (12) and communicating with a delivery passage (3) of the body, and a purge valve (13, 14) responsive to an openable by a pressure signal from a governor indicative of attainment of a predetermined delivered pressure in said delivery passage to connect said inflow passage (28) to a vent port (4), and an electric switch (24) responsive to and operable by said pressure signal from the said governor to initiate an electric timer device (31) controlling energisation of an electrically operable valve (20) for permitting restricted dried gas flow from a delivery port (3) located at the output side of the non-return valve (12) to said vent port (4) via said desiccant (10) said inflow passage (28) and said purge valve (13, 14).

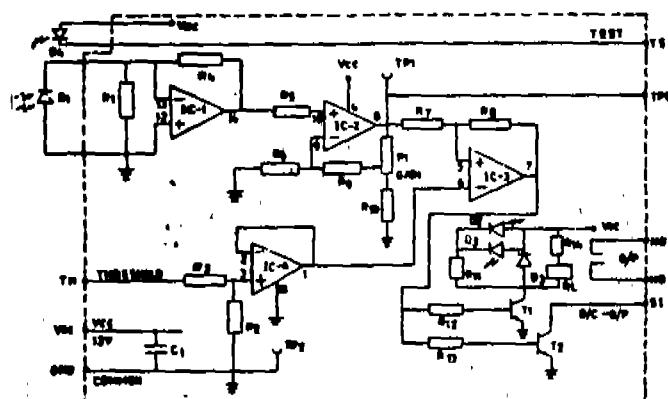


Fig. 5

(Compl. Specn. : 20 Pages)

Drgn. Sheets : 6)

Ind. Cl. : 61 A.

186834

Int. Cl⁴ : E 21 F 3/00.

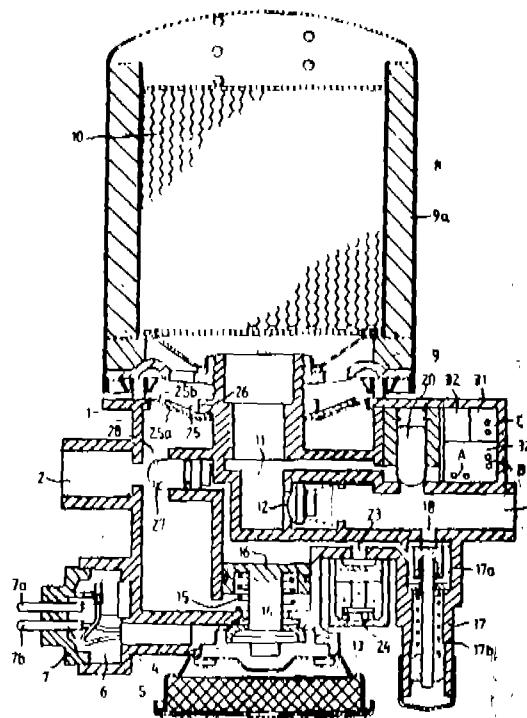
GAS DRYERS.

Applicant : BENDIX LIMITED, A BRITISH COMPANY,
OF DOUGLAS ROAD, KINGSWOOD, BRISTOL BS15
2NL, ENGLAND.

Inventor : PATRICK RONALD OLIVER—ENGLAND.

Kind of Application : Complete.

Application for Patent No. 931/Del/92 filed on 14.10.92.



(Compl. Specn. : 10 Pages)

Drgn. Sheet : 1)

Ind. Cl. : 128 G.

186835

Ind. Cl. : 206 E

186836

Int. Cl.⁴ : A 61 F 13/00 A 61 F 13/16.

AN ABSORBENT ARTICLE.

Applicant : THE PROCTER & GAMBLE COMPANY, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF ONE PROCTER & GAMBLE PLAZA, CINCINNATI, STATE OF OHIO 45202, UNITED STATES OF AMERICA.

Inventor(s) : THERESA LOUISE JOHNSON—U.S.A., LETHA MARGIE HINES—U.S.A., ROBB ERIC OLSEN—U.S.A. & THOMAS WARD OSBORN—U.S.A.

Application for Patent No. 955/Del/92 filed on 21.10.92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

11 Claims

An absorbent article for wearing in the crotch region of a wearer's undergarment, said absorbent article having a longitudinal centreline, a transverse centreline, two longitudinal side edges, two transverse end edges, four corner regions, a first end region, a second end region, a central region disposed between said two end regions, said end regions each extending from each transverse end edge part of the way toward said transverse centreline, each end region comprising two corner regions, said absorbent article characterized in that,

a main body portion having two spaced apart longitudinal side edges, said main body portion comprising a liquid pervious body surface, a liquid impervious garment surface, and absorbent core positioned between said body surface and said garment surface; and

a fastener on the garment surface for fastening said absorbent article to the crotch region of the wearer's undergarment,

wherein said fastener comprises at least two zones of fastener material, wherein said zones of fastener material are located only in said end regions of said absorbent article, in order to render said central region of said absorbent article capable of separating from the wearer's undergarment when said absorbent article is worn, and wherein said zones of fastener material are arranged generally in an overall configuration that resembles one of the following configurations;

(a) a modified letter "X" without any fastener material in the portion of the configuration that would form the centre of the letter "X" with the ends of the "X" located in said corner regions of said absorbent article, or

(b) an inverted "V" shape located in each end region of said absorbent article.

(Compl. Specn. : 78 Pages)

Drgn. Sheets : 11)

Int. Cl.⁴ : G 06 K—15/00.

ANALOG VIDEO INTERACTIVE (AVI) EQUIPMENT FOR VIDEO INTENSIVE APPLICATIONS USING A SINGLE COLOUR MONITOR FOR DISPLAY.

Applicant : DIRECTOR GENERAL, NATIONAL INFORMATICS CENTRE, GOVERNMENT OF INDIA, A-BLOCK, CGO COMPLEX, LODHI ROAD, NEW DELHI—INDIA.

Inventor(s) : Y. K. SHARMA—INDIA, RAJESH GERA—INDIA, GAJENDRA PRASAD SINGH—INDIA, PRASAANTHPRABHU—INDIA & VENKAT KRISHNAN—INDIA.

Application for Patent No. 0990/Del/92 filed on 02.11.92.

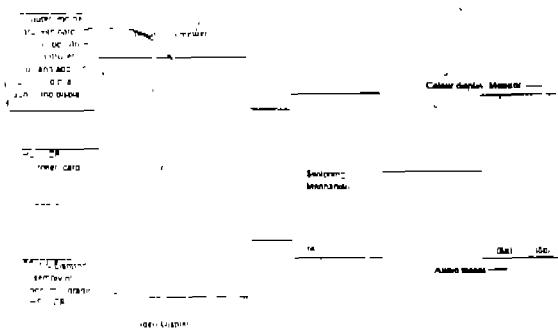
Complete Left After Provisional Specification filed on 04.06.93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

2 Claims

Analog Video Interactive (AVI) equipment for video intensive applications using a single colour monitor for display comprising :

- a mother board of PC/AT compatible, with hard disk and floppy drive with controller cards, and an add-on-card for digital audio and display;
- PC Add-on Card mounted on the said mother board for controlling the functions of a VCR;
- A TDM (time division multiplex) Assembly and Electronic Assembly of consumer grade VCR connected to the said PC Add-on Card;
- wherein the VCR output and PC/AT output connected to a built-in colour display device and audio means through a switching mechanism.



(Provl. Specn. : 3 Pages

Drgn. Sheet : 1)

(Compl. Specn. : 7 Pages

Drgn. Sheet : Nil)

Ind. Cl. : 195 G

186837

Int. Cl. : F 16 K, 5/00.

AN EMPTY TAP LOCKER.

Application : SULTAN SINGH JAIN, B-36 SHANTINAGER, ROORKEE, DISTRICT HARDWAR, UTTAR PRADESH, INDIA.

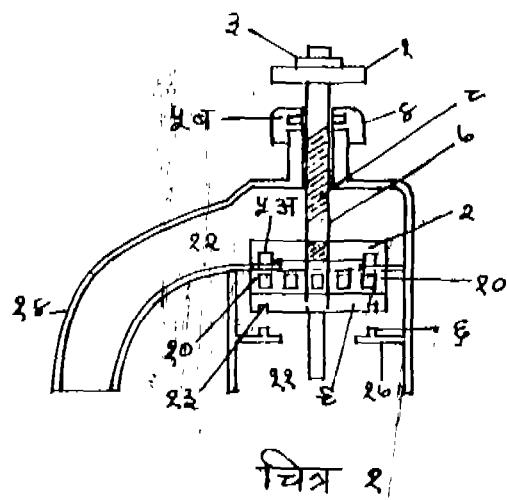
Inventor : SULTAN SINGH JAIN—INDIA.

Application for Patent No. 1213/Del/92 filed on 18.12.92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

1 Claim

An Empty Tap Locker characterized by a tap (14) comprising an axle (7) rotatable in either directions through knob (1) and valve (2) fixed on it above a rubber washer (5A); and a perforated entry (10) made below the said rubber washer (5A); the round section of the axle (7) is made into square axle (15) beyond the perforated entry (10) and a swimming valve (9) with slopped notches (13) and square hole (16) slidably fitted over the square axle (15) and a ring (17) projecting pins (6) coinciding with the said slopped notches (13) fitted underneath; a lid passed through the axle (7) with a rubber washer (5B) fitting is screwed below the knob (1).



(Compl. Specn. 4 Pages

Drgn. Sheets : 2)

Ind. Cl. : 1 A.

186838

Int. Cl. : C 09 H 11/00.

A PRESSURE-SENSITIVE ADHESIVE STOCK AND A METHOD FOR MANUFACTURING THE SAME.

Applicant : AVERY DENNISON CORPORATION FORMERLY AVERY INTERNATIONAL CORPORATION, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, HAVING A PLACE OF BUSINESS AT 150 NORTH

ORANGE GROVE BOULEVARD, PASADENA, CALIFORNIA 91103, UNITED STATES OF AMERICA.

Inventor(s) : ADRIAN JAMES HULME—NETHERLANDS, ERIC ROBERT ATKINSON—ENGLAND, PETER LOUIS EMERSON—ENGLAND & BERT RUDOLF POTIER—NETHERLANDS.

Application for Patent No. 562/Del/93 filed on 03.06.93.

Convention Application No. 8815162.6/UK./25.06.88.

Divisional Out of Patent Application No. 544/Del/89 filed on 23.06.89. Ante dated to 23.06.89.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

12 Claims

A pressure-sensitive adhesive stock which comprises : a face stock,

a pressure-sensitive adhesive layer in contact with the face stock, and

a release liner which comprises a liner substrate providing a surface having thereon a solid release coating that remains substantially on said substrate surface, said solid release coating comprising a blend of cured silicone polymer component and a particulate resin component such as hereinbefore described comprising at least one resin, in which the cured silicone polymer component is present in an amount of from 5 to 80 percent by weight based on the weight of the cured silicone polymer component and particulate resin component.

(Compl. Specn. : 35 Pages

Drgn. Sheets : 3)

Ind. Cl. : 34 A.

186839

Int. Cl. : C 08 G—63/02.

AN IMPROVED PROCESS FOR THE PREPARATION OF THIN SEMIPERMEABLE MEMBRANE.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA (AN INDIAN REGISTERED BODY, INCORPORATED UNDER REGISTRATION OF SOCIETIES ACT, ACT XXI OF 1860).

Inventor(s) : ARUN SAVALARAM JADHAV—INDIA, JAYARANI PURUSHOTHAM—INDIA, SUDHIR SHARAD CHANDRA KULKARNI—INDIA & SUBHASH PUNDLIK VERNEKAR—INDIA.

Application for Patent No. 589/Del/93 filed on 10.06.93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

3 Claims

An improved process for the preparation of thin semipermeable membrane which comprises dissolving silicon containing polyesters such as herein described in aprotic organic solvent under stirring for 12 hours, filtering

and pouring the above said solution in a container and drying the solution to make a thin film at room temperature, further drying at 50—60°C for atleast seven days and cooling by known methods to obtain thin semipermeable membrane.

(Compl. Specn. : 12 Pages

Drgn. Sheet : Nil)

Ind. Cl. : 205 G.

186840

Int. Cl.⁴ : B 29 C—35/02.

AN IMPROVED APPARATUS USED AS A CURING ENVELOPE IN RETREADING A TIRE BODY.

Applicant : OLIVER RUBBER COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF CALIFORNIA, UNITED STATES OF AMERICA, OF 1200 65TH STREET, OAKLAND, CALIFORNIA 94608, UNITED STATES OF AMERICA.

Inventor(s) : MICHAEL JOHN KING—U.S.A., PAUL EMANUEL RIER—U.S.A. & ROBERT ALAN FLYNN—U.S.A.

Application for Patent No. 607/Del/93 filed on 15.06.93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110008.

5 Claims

An improved apparatus used as a curing envelope (10, 12) in retreading a tire body with an annular layer of retread material, said improvement in apparatus comprising a flexible, elastomeric annular member arranged to be positioned to encompass said retread material to hold said material in place, said annular member including :

a substantially U-shape cross-section comprising a spaced annular member having sealing edge portions for sealingly engaging the sidewalls (16) of the tire; a gas passageway (20) extending through said annular member between said sealing edge portions; and an annular interior surface (14)

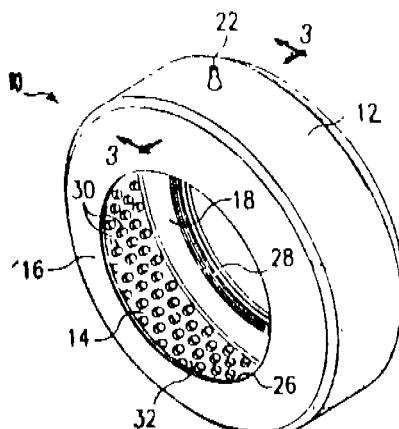


FIG. 1

on said member between said edge portions including a plurality of protuberances (30) and a plurality of interconnected passageways (32) connecting with said passageway to permit ingress and egress of gas through said passageway to apply pressure to said retread material during the curing step of retreading of said tire and to permit full escape of gas therefrom.

(Compl. Specn. : 10 Pages

Drgn. Sheets : 3)

PATENT SEALED ON 19.10.2001.

185701*D 185703*D 185707*D 185709*D 185710*D
185711 185714* 185715* 185719* 185720*

KOL—NIL. DEL—10. MUM—NIL. CHEN—NIL.

*Patent shall be deemed to be endorsed with words LICENCE OF RIGHT Under Section 87 of the Patents Act., 1970 from the date of expiration of three years from the date of sealing.

D=Drug Patents

F=Food Patents.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class. 01. No. 184569. Sunil Malik, A-603, Rosewood Apartments, Mayur Vihar, Phase-I, Delhi-110091, India. "LOCK", 6 February 2001.

Class. 01. No. 184899. M/s. Fun Ideas & Innovations Ltd., Fagun Mansion, 26, Commander-in-Chief Road, Egmore, Chennai-600105, T. N., India, "DIGITAL PHOTO KIOSK", 2 March 2001.

Class. 01. No. 184283. Dhawan Cycles Industries, 196, Cycle Shopping Centre, Miller Ganj, Ludhiana 3, Punjab, India. "CYCLE CARRIER", 1 January 2001.

Class. 01. No. 184700. Kanin (India) Pvt. Ltd., Plot No. 79, Sector 25, Faridabad-121004, "STAPLER", 19 February 2001.

Class. 01. No. 184695. Khaitan (India) Ltd., of 46C J.L. Nehru Road, Calcutta-700 071, W.B., India. "FAN", 16 February 2001.

Class. 01. No. 184197. Gandhimathi Appliances Ltd., 143, Pudupakkam Village, Vandalur Kelambakkam Road, Kelambakkam Post-603103, Kanchipuram District, T.N., India. "PAN SUPPORT TO THE GAS STOVE", 20 December 2000.

Class. 01. No. 184195. Gandhimathi Appliances Ltd., 143, Pudupakkam Village, Vandalur Kelambakkam

Road, Kelambakkam Post-603103, Kanchipuram District, T.N., India. "GAS STOVE", 20 December 2000.

Class. 01. No. 184985. Bajaj Sevashram Ltd., Bajaj Bhavan, 2nd Floor, Jamnalal Bajaj Marg, Nariman Point, Mumbai-400021, Maharashtra, India. "BOTTLE (CONTAINER)", 8 March 2001.

Class. 01. No. 185336. TTK Prestige Ltd., 11th Floor, Brigade Tower, 135, Brigade Road, Bangalore-560025, Karnataka, India. "GAS STOVE", 18 April 2001.

Class. 01. No. 184944. M/s. Bhogal Sales Corporation, B-XXIX, 1140/1, G.T. Road, Dhanari Kalan, Ludhiana. "BICYCLE CART", 7 March 2001.

Class. 01. No. 184757. Shilpa Metal Industries, Plot No. 5, Friends Industrial Estate, Sherpur, Ludhiana, Punjab, India. "MORTICE DOOR LOCK", 22 February 2001.

Class. 01. No. 184953. Magppie Exports, PD-4-B, Pitampura, Delhi-110034. "SALAD SERVER", 7 March 2001.

Class. 01. No. 184682. M/s. Eastern Medikit Ltd., N-22, Greater Kailash Part-I, New Delhi-48, India. "INTRAVEOUS CANNULAE WITH FULL CAGE NEEDLE COVER." 15 February 2001.

Class. 01. No. 184946. Castrol India Ltd., White House, 91, Walkeshwar Road, Bombay-400006, Maharashtra, India. "CONTAINER", 7 March 2001.

Class. 03. No. 184607. Shah & Shah, 70 Canning Street, 1st Floor, Calcutta-700001, W.B., India. "PEN", 9 February 2001.

Class. 03. No. 184572. Sri Ganesh Enterprises, No. 8/1, Gandhi Nagar Main Road, Sathuma Nagar, Chennai-600019, T.N., India. "FLEXIBLE EXTENSION WIRE BOX", 6 February 2001.

Class. 03. No. 184683. Pearl Polymers Ltd., 704, Rohit House, 3, Tolstoy Marg, New Delhi-110001, India. "BOTTLE HOLDER", 15 February 2001.

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Class. 03. No. 184925. Record Tools Limited (Of Parkway Works, Kettlebridge Road, Sheffield S9 3BL United Kingdom, British Company. "CLAMP", 6 September 2000 (Priority U.K.).

Class. 03. No. 184617. Wright India Pvt. Ltd., 6A, Kiran Shankar Roy Road, Kolkata-700001, W.B., India. "BALL POINT PEN", 12 February 2001.

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